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> #Example showing three different antiderivatives that differ by a constant.
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```
restart;
```

```
> int(sin(x)*cos(x),x);
```

$$\frac{1}{2} \sin(x)^2$$

```
> f1:=1/2*sin(x)^2;
```

```
f2:=-1/2*cos(x)^2;
```

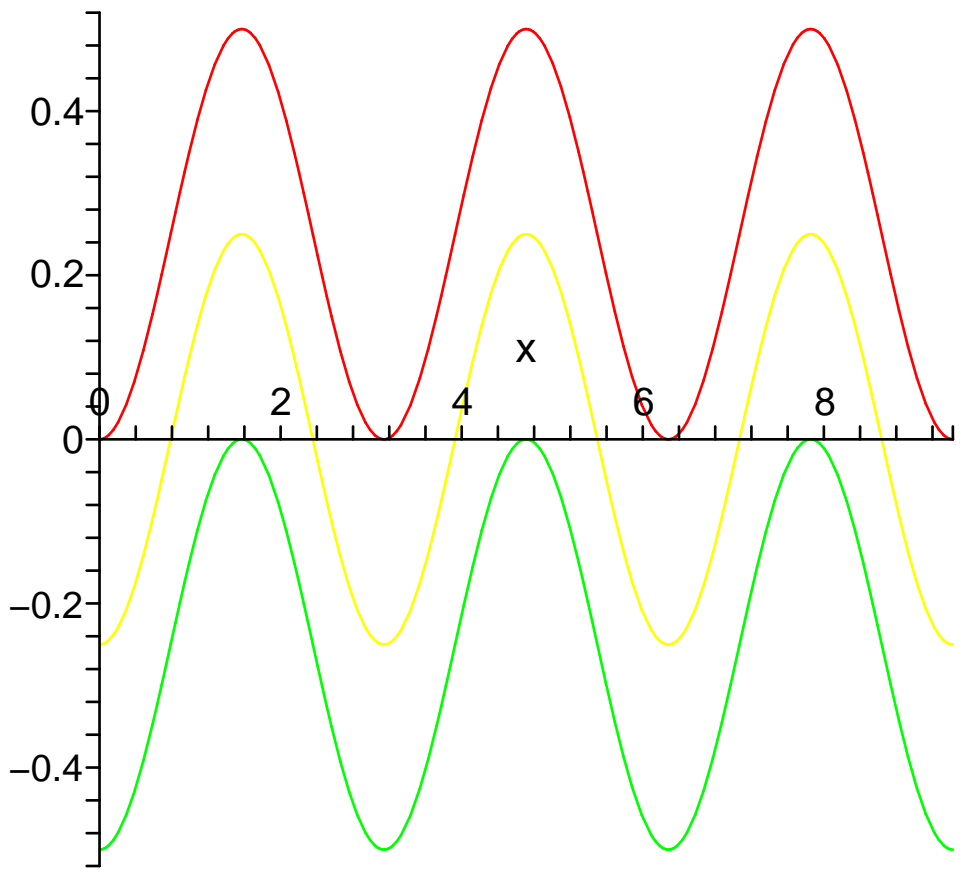
```
f3:=-1/4*cos(2*x);
```

$$f1 := \frac{1}{2} \sin(x)^2$$

$$f2 := -\frac{1}{2} \cos(x)^2$$

$$f3 := -\frac{1}{4} \cos(2x)$$

```
> plot([f1, f2, f3],x=0..3*Pi);
```



x