

# Converting Colors

YIQ(217.3570, 46.2660,  
-23.5100)

Have a look what the booklet for  
YIQ(217.3570, 46.2660, -23.5100)  
contains.

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# Color

**YIQ(217.3570, 46.2660,  
-23.5100)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DC7E
RGB	247, 220, 126
RGB Percent	97%, 86%, 49%
CMY	0.0314, 0.1373, 0.5056
CMYK	0.00, 0.11, 0.49, 0.03
HSL	47°, 88%, 73%
HSV	47°, 49%, 97%
XYZ	67.7186, 72.4628, 30.1784
YIQ	217.3570, 46.2660, -23.5100

# Conversions

## Conversions Part 2

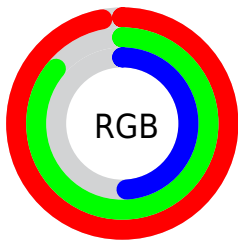
Format	Color
R <sub>Y</sub> B	161, 247, 126
Decimal	16243838
CIE Lab	88.19, -2.52, 49.24
CIE LCh	88, 49.305, 92.935
Yxy	72.4628, 0.3975, 0.4254
Android (android.graphics.Color)	4294433918 (0xFFFF7DC7E)
YUV	217.3570, -45.0390, 25.9969
Hunter-Lab	85.1251, -6.9688, 38.5682

# Details

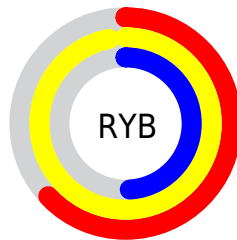
The YIQ color **217.3570, 46.2660, -23.5100** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **155.6430, -46.2660, 23.5100**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.4500, 24.0750, -23.3250**, and **161.5030, 42.9190, -23.4250** is the 20% darker color. If you saturate the color by 10%, you get **210.9850, 55.9410, -28.1470**, and if you desaturate by 10%, it is **223.7290, 36.5910, -18.8730**.

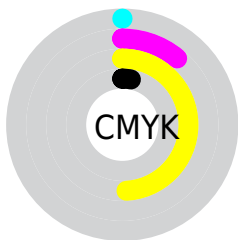
# Distribution



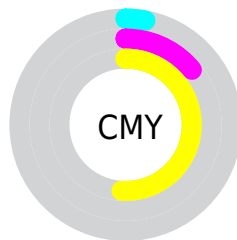
- Red (97%)
- Green (86%)
- Blue (49%)



- Red (63%)
- Yellow (97%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (49%)
- Black (3%)




- Cyan (3%)
- Magenta (14%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 217.3570, 46.2660, -23.5100 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 217.3570, 46.2660, -23.5100 by changing the saturation by 10% instead.




 217.3570, 46.2660,  
-23.5100


 217.3570, 46.2660,  
-23.5100


255.0000, -0.0000,  
-0.0000


 188.9870, 44.4320,  
-23.3120

 246.4500, 24.0750,  
-23.3250


 161.5030, 42.9190,  
-23.4250


 249.6420, 15.0870,  
-14.6170

 135.0190, 41.4060,  
-23.5380

 252.9480, 5.7780,  
-5.5980

 108.7800, 40.5810,  
-25.1070

 83.6380, 38.1050,  
-24.2870

 62.3630, 28.9340,  
-17.7700

 41.6750, 19.4880,

-11.7760

■ 22.7590, 10.6840,  
-6.4040

■ 0.0000, 0.0000,  
0.0000

■ 217.3570, 46.2660,  
-23.5100

■ 217.3570, 46.2660,  
-23.5100

■ 210.9850, 55.9410,  
-28.1470

■ 223.7290, 36.5910,  
-18.8730

■ 205.3140, 65.0200,  
-32.9960

■ 229.4000, 27.5120,  
-14.0240

■ 198.9420, 74.6950,  
-37.6330

■ 235.7720, 17.8370,  
-9.3870

■ 193.1570, 84.0950,  
-42.7930

■ 241.5570, 8.4370,  
-4.2270

■ 186.8990, 93.4490,  
-47.1190

■ 247.9290, -1.2380,  
0.4100

■ 186.5570, 94.4120,  
-48.0520

■ 251.4340, -4.2180,  
-0.6500

■ 252.6080, -4.7680,  
-1.6960

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211.8390, 51.2610, -9.4030



217.3570, 46.2660, -23.5100



212.5200, 8.7180, -36.8660

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.3570, 46.2660, -23.5100



172.8850, -149.2300, -48.8300



217.4320, 17.6000, 33.4720

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



217.3570, 46.2660, -23.5100



155.6430, -46.2660, 23.5100

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



219.9470, -0.5080, 20.2280



217.3570, 46.2660, -23.5100



185.5310, -112.4620, -32.3500

# Square

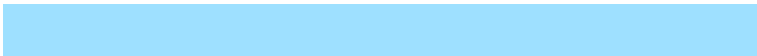
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.3570, 46.2660, -23.5100



189.0740, -101.4100, -45.4260



207.8000, -49.2870, -4.3510



209.1050, 31.4020, 25.6260

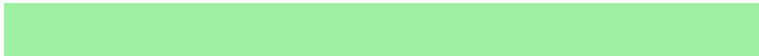


# Rectangle

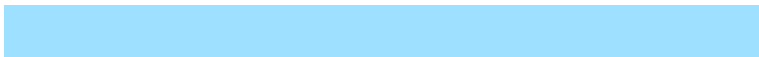
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.3570, 46.2660, -23.5100



207.3020, -22.9630, -40.9070



207.8000, -49.2870, -4.3510



220.3670, 16.2250, 30.8570

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



217.3570, 46.2660, -23.5100



245.3850, 14.6730, -7.1110



165.3710, 63.1280, 34.3600



121.8560, 9.0330, -4.0150



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.3570, 46.2660, -23.5100



217.9420, 57.5000, -28.8680



223.6380, 19.7690, -44.4150



119.4580, 4.4020, -2.6860



140.7290, 70.9810, -36.4030



44.6430, 22.5140, -11.5500



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



155.6430, -46.2660, 23.5100



141.4710, -57.2250, 29.3910



149.3620, -19.7690, 44.4150



113.1290, -4.6770, 2.1630



45.8580, -71.2560, 35.8800



14.3570, -22.5140, 11.5500



# Previews

## White Background



This preview shows how the YIQ color 217.3570, 46.2660, -23.5100 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 217.3570, 46.2660, -23.5100 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 217.3570, 46.2660, -23.5100

## Background



This preview shows how black text looks on a background with the YIQ color 217.3570, 46.2660, -23.5100.



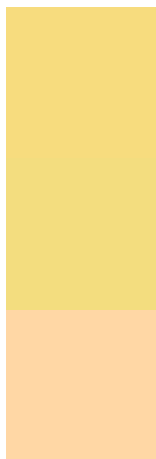
This preview shows how white text looks on a background with the YIQ color 217.3570, 46.2660, -23.5100.

-23.5100.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

217.3570, 46.2660, -23.5100

### Protanopia

216.8620, 43.2860, -24.5700

### Deuteranopia

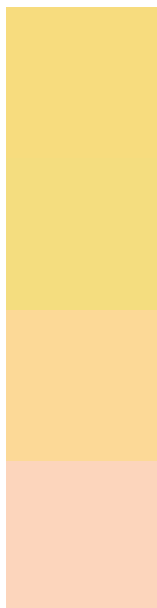
221.2600, 39.8900, -7.0700



## Tritanopia

224.4640, 22.6010, 14.4170

# Trichromacy



## Original Color

217.3570, 46.2660, -23.5100

## Protanomaly

217.1610, 43.8820, -24.3580

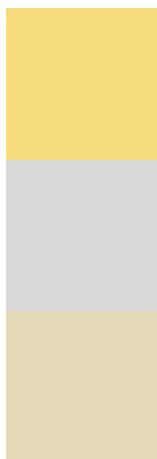
## Deuteranomaly

219.9410, 42.0460, -13.1060

## Tritanomaly

221.8110, 31.2690, 0.4930

# Monochromacy



## Original Color

217.3570, 46.2660, -23.5100

## Achromatopsia

217.0000, -0.0000, 0.0000

## Achromatomaly

217.1140, 16.8740, -8.4540

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 217.3570, 46.2660, -23.5100 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(247, 220, 126)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 126)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(247, 220, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 126) }
```

## Border

The CSS property to change the border of an element to YIQ 217.3570, 46.2660, -23.5100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 220, 126) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(247, 220, 126) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(247, 220, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 126);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
126) }
```

# Background

The CSS property to change the background color of an element to YIQ 217.3570, 46.2660, -23.5100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 126) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(247,  
220, 126) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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