

Converting Colors

YIQ(216.5780, 47.5020,
-12.8660)

Have a look what the booklet for
YIQ(216.5780, 47.5020, -12.8660)
contains.

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Color

**YIQ(216.5780, 47.5020,
-12.8660)**

Conversions

Conversions Part 1

Format	Color
Hex	FED48E
RGB	254, 212, 142
RGB Percent	100%, 83%, 56%
CMY	0.0039, 0.1687, 0.4429
CMYK	0.00, 0.17, 0.44, 0.00
HSL	37°, 98%, 78%
HSV	37°, 44%, 100%
XYZ	69.3045, 70.1064, 35.4947
YIQ	216.5780, 47.5020, -12.8660

Conversions

Conversions Part 2

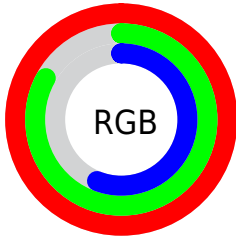
Format	Color
R _Y B	209, 254, 142
Decimal	16700558
CIE Lab	87.05, 5.86, 40.02
CIE LCh	87, 40.451, 81.676
Yxy	70.1064, 0.3962, 0.4008
Android (android.graphics.Color)	4294890638 (0xFF FED48E)
YUV	216.5780, -36.7670, 32.8191
Hunter-Lab	83.7296, 1.2208, 33.4764

Details

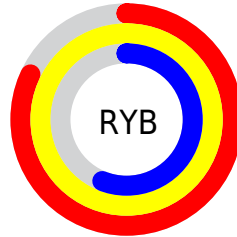
The YIQ color **216.5780, 47.5020, -12.8660** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **179.4220, -47.5020, 12.8660**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.2740, 18.9390, -18.3490**, and **161.3110, 43.8800, -13.3040** is the 20% darker color. If you saturate the color by 10%, you get **207.8580, 58.2770, -15.4110**, and if you desaturate by 10%, it is **225.2980, 36.7270, -10.3210**.

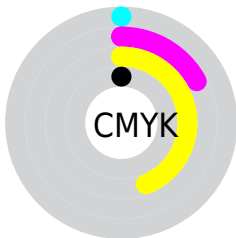
Distribution



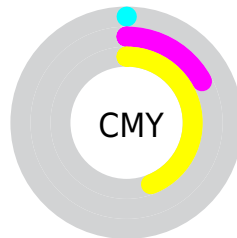
- Red (100%)
- Green (83%)
- Blue (56%)



- Red (82%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5780, 47.5020, -12.8660 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 216.5780, 47.5020, -12.8660 by changing the saturation by 10% instead.

216.5780, 47.5020,
-12.8660

216.5780, 47.5020,
-12.8660

255.0000, -0.0000,
-0.0000

188.2080, 45.6680,
-12.6680

248.3880, 18.6180,
-18.0380

161.4250, 43.5590,
-12.9930

251.5800, 9.6300,
-9.3300

134.9410, 42.0460,
-13.1060

254.8860, 0.3210,
-0.3110

108.5710, 40.2120,
-12.9080

83.5600, 38.7450,
-13.8550

60.0480, 34.4350,
-12.8370

40.2460, 25.3100,

-7.1540

■ 21.0310, 15.9100,
-1.9940

■ 0.0000, 0.0000,
0.0000

■ 216.5780, 47.5020,
-12.8660

■ 216.5780, 47.5020,
-12.8660

■ 207.8580, 58.2770,
-15.4110

■ 225.2980, 36.7270,
-10.3210

■ 199.6110, 69.0980,
-18.7900

■ 233.5450, 25.9060,
-6.9420

■ 190.8910, 79.8730,
-21.3350

■ 242.2650, 15.1310,
-4.3970

■ 182.6440, 90.6940,
-24.7140

■ 250.5120, 4.3100,
-1.0180

■ 173.9240,
101.4690, -27.2590

254.7010, -0.5960,
-0.2120

■ 169.2790,
107.6590, -29.3090

Harmonies

Analogous

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



211.1840, 46.2160, -0.5680



216.5780, 47.5020, -12.8660



212.7160, 20.2700, -25.9540

Triad

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



216.5780, 47.5020, -12.8660



193.9370, -93.1140, -30.5700



222.1280, 15.4000, 29.2880

Complementary

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



216.5780, 47.5020, -12.8660



179.4220, -47.5020, 12.8660

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.



215.7060, -16.1870, 12.5250



216.5780, 47.5020, -12.8660



194.5340, -90.1810, -23.1490

Square

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



216.5780, 47.5020, -12.8660



200.5650, -57.0760, -33.9080



205.3970, -55.5220, -6.9940



213.9950, 25.9000, 26.2200

Rectangle

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



216.5780, 47.5020, -12.8660



209.6360, -3.1120, -31.7200



205.3970, -55.5220, -6.9940



220.5890, 6.5520, 24.4400

Sweetspot

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



216.5780, 47.5020, -12.8660



244.1940, 13.8930, -3.9870



180.3900, 52.9490, 37.1170



120.9100, 8.9410, -2.3470



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.



216.5780, 47.5020, -12.8660



209.6730, 57.3600, -15.3120



237.3450, 28.2040, -37.5880



123.5830, 5.5480, -1.4280



126.9620, 81.1110, -21.7450



42.6160, 27.1440, -7.3520

Inverse Universe

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



179.4220, -47.5020, 12.8660



165.3270, -57.3600, 15.3120



158.6550, -28.2040, 37.5880



119.4170, -5.5480, 1.4280



64.0380, -81.1110, 21.7450



21.3840, -27.1440, 7.3520

Previews

White Background



This preview shows how the YIQ color 216.5780, 47.5020, -12.8660 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 216.5780, 47.5020, -12.8660 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 216.5780, 47.5020, -12.8660

Background



This preview shows how black text looks on a background with the YIQ color 216.5780, 47.5020, -12.8660.



This preview shows how white text looks on a background with the YIQ color 216.5780, 47.5020, -12.8660.

-12.8660.

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

216.5780, 47.5020, -12.8660

Protanopia

215.3590, 34.7570, -18.6750

Deuteranopia

217.7550, 42.8700, -6.0100



Tritanopia

221.4320, 25.6270, 14.6430

Trichromacy



Original Color

216.5780, 47.5020, -12.8660

Protanomaly

215.8650, 39.2040, -16.6680

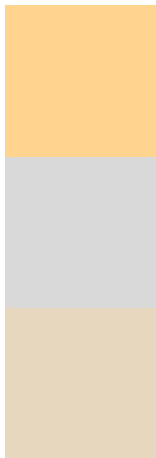
Deuteranomaly

217.5440, 44.8420, -8.7100

Tritanomaly

220.0010, 33.7900, 4.3660

Monochromacy



Original Color

216.5780, 47.5020, -12.8660

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.6350, 16.9650, -4.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5780, 47.5020, -12.8660 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(254, 212, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 142)  
}
```

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(254, 212, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 142) }
```

Border

The CSS property to change the border of an element to YIQ 216.5780, 47.5020, -12.8660 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(254, 212, 142) }
```


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

```
.border{ border-color:rgb(254, 212, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 212, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5780, 47.5020, -12.8660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 142) }
```

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

```
.background{ background-color: rgb(254,  
212, 142) }
```

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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