

Converting Colors

YIQ(213.0030, 47.5030,
-18.3930)

Have a look what the booklet for
YIQ(213.0030, 47.5030, -18.3930)
contains.

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Color

**YIQ(213.0030, 47.5030,
-18.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D481
RGB	247, 212, 129
RGB Percent	97%, 83%, 51%
CMY	0.0313, 0.1687, 0.4939
CMYK	0.00, 0.14, 0.48, 0.03
HSL	42°, 88%, 74%
HSV	42°, 48%, 97%
XYZ	65.8671, 68.4418, 30.5304
YIQ	213.0030, 47.5030, -18.3930

Conversions

Conversions Part 2

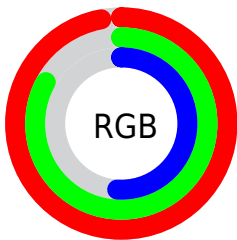
Format	Color
R _Y B	179, 247, 129
Decimal	16241793
CIE Lab	86.23, 1.83, 45.35
CIE LCh	86, 45.386, 87.685
Yxy	68.4418, 0.3996, 0.4152
Android (android.graphics.Color)	4294431873 (0xFFF7D481)
YUV	213.0030, -41.4135, 29.8154
Hunter-Lab	82.7296, -2.6598, 36.0304

Details

The YIQ color **213.0030, 47.5030, -18.3930** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **162.9970, -47.5030, 18.3930**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.7920, 23.1120, -22.3920**, and **157.8500, 43.5600, -18.5200** is the 20% darker color. If you saturate the color by 10%, you get **206.0440, 57.4530, -22.5070**, and if you desaturate by 10%, it is **219.9620, 37.5530, -14.2790**.

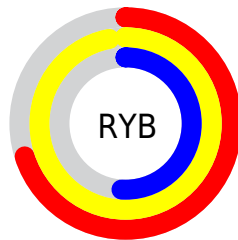
Distribution



Red (97%)

Green (83%)

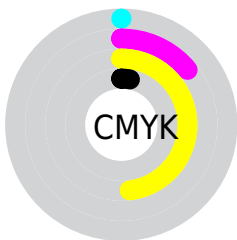
Blue (51%)



Red (70%)

Yellow (97%)

Blue (51%)

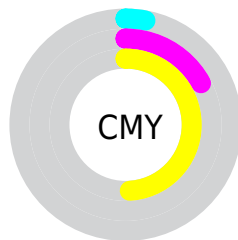


Cyan (0%)

Magenta (14%)

Yellow (48%)

Black (3%)



Cyan (3%)

Magenta (17%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.0030, 47.5030, -18.3930 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 213.0030, 47.5030, -18.3930 by changing the saturation by 10% instead.

213.0030, 47.5030,
-18.3930

213.0030, 47.5030,
-18.3930

255.0000, -0.0000,
-0.0000

184.6330, 45.6690,
-18.1950

246.7920, 23.1120,
-22.3920

157.8500, 43.5600,
-18.5200

249.9840, 14.1240,
-13.6840

131.3660, 42.0470,
-18.6330

253.2900, 4.8150,
-4.6650

105.3550, 40.5800,
-19.5800

80.1160, 39.7550,
-21.1490

58.8410, 30.5840,
-14.6320

38.1530, 21.1380,

-8.6380

■ 19.2370, 12.3340,
-3.2660

■ 0.0000, 0.0000,
0.0000

■ 213.0030, 47.5030,
-18.3930

■ 213.0030, 47.5030,
-18.3930

■ 206.0440, 57.4530,
-22.5070

■ 219.9620, 37.5530,
-14.2790

■ 198.6120, 67.3570,
-25.7870

■ 227.3940, 27.6490,
-10.9990

■ 191.6530, 77.3070,
-29.9010

■ 234.3530, 17.6990,
-6.8850

■ 184.6940, 87.2570,
-34.0150

■ 241.3120, 7.7490,
-2.7710

■ 177.2620, 97.1610,
-37.2950

■ 248.8580, -2.4760,
0.8200

■ 175.9910, 99.3620,
-38.6380

■ 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.



208.3000, 51.5810, -4.1870



213.0030, 47.5030, -18.3930



208.5040, 14.8150, -31.7210

Triad

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



213.0030, 47.5030, -18.3930



175.5390, -133.2760, -40.6040



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.



213.0030, 47.5030, -18.3930



162.9970, -47.5030, 18.3930

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.



214.5760, -9.7690, 17.3590



213.0030, 47.5030, -18.3930



185.2870, -105.7230, -27.8270

Square

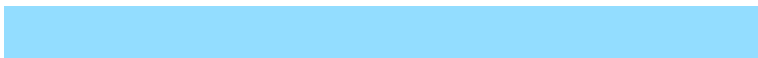
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



213.0030, 47.5030, -18.3930



191.5670, -77.7530, -39.1370



202.7500, -55.0180, -5.1140



208.2730, 30.9890, 27.6050

Rectangle

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



213.0030, 47.5030, -18.3930



204.7980, -12.5560, -36.7800



202.7500, -55.0180, -5.1140



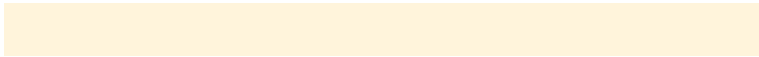
218.8830, 14.7120, 30.7440

Sweetspot

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



213.0030, 47.5030, -18.3930



244.4390, 14.5810, -5.4430



168.2720, 59.0930, 35.9010



121.3830, 8.9870, -3.1810



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.



213.0030, 47.5030, -18.3930



213.2290, 58.3700, -22.6060



226.3720, 23.5740, -41.7860



118.8710, 4.6770, -2.1630



132.5110, 74.8310, -29.0810



41.7080, 23.8890, -8.9350

Inverse Universe

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



162.9970, -47.5030, 18.3930



151.7710, -58.3700, 22.6060



149.6280, -23.5740, 41.7860



113.7160, -4.9520, 1.6400



53.4890, -74.8310, 29.0810



16.7050, -23.6140, 9.4580

Previews

White Background



This preview shows how the YIQ color 213.0030, 47.5030, -18.3930 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 213.0030, 47.5030, -18.3930 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 213.0030, 47.5030, -18.3930

Background



This preview shows how black text looks on a background with the YIQ color 213.0030, 47.5030, -18.3930.



This preview shows how white text looks on a background with the YIQ color 213.0030, 47.5030, -18.3930.

-18.3930.

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

213.0030, 47.5030, -18.3930

Protanopia

212.2900, 39.2050, -22.1950

Deuteranopia

215.2130, 47.2720, -8.6960



Tritanopia

219.5570, 26.7730, 15.9010

Trichromacy



Original Color

213.0030, 47.5030, -18.3930

Protanomaly

212.7850, 42.1850, -21.1350

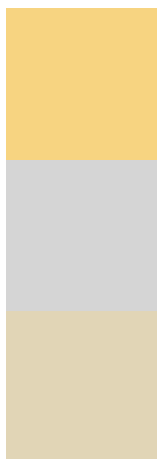
Deuteranomaly

214.1050, 47.4560, -12.0320

Tritanomaly

217.3600, 34.1570, 3.2210

Monochromacy



Original Color

213.0030, 47.5030, -18.3930

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0540, 17.1030, -7.0970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.0030, 47.5030, -18.3930 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, 212, 129)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 129)  
}
```

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, 212, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 129) }
```

Border

The CSS property to change the border of an element to YIQ 213.0030, 47.5030, -18.3930 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, 212, 129) }
```


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

```
.border{ border-color:rgb(247, 212, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 129);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 213.0030, 47.5030, -18.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 129) }
```

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

```
.background{ background-color: rgb(247,  
212, 129) }
```

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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