

Converting Colors

YIQ(204.4950, 46.5380, -6.4060)

Have a look what the booklet for
YIQ(204.4950, 46.5380, -6.4060)
contains.

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Color

**YIQ(204.4950, 46.5380,
-6.4060)**

Conversions

Conversions Part 1

Format	Color
Hex	F5C48E
RGB	245, 196, 142
RGB Percent	96%, 77%, 56%
CMY	0.0391, 0.2314, 0.4429
CMYK	0.00, 0.20, 0.42, 0.04
HSL	31°, 84%, 76%
HSV	31°, 42%, 96%
XYZ	62.2856, 60.8415, 34.0747
YIQ	204.4950, 46.5380, -6.4060

Conversions

Conversions Part 2

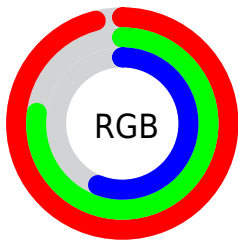
Format	Color
R _Y B	235, 245, 142
Decimal	16106638
CIE Lab	82.29, 10.62, 33.69
CIE LCh	82, 35.320, 72.505
Yxy	60.8415, 0.3962, 0.3870
Android (android.graphics.Color)	4294296718 (0xFF5C48E)
YUV	204.4950, -30.8100, 35.5229
Hunter-Lab	78.0010, 6.0348, 28.6999

Details

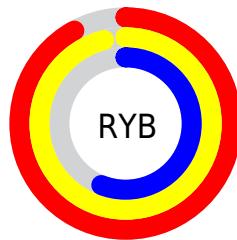
The YIQ color $204.4950, 46.5380, -6.4060$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $182.5050, -46.5380, 6.4060$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $247.1000, 19.4890, -17.3030$, and $149.6410, 43.1910, -6.3210$ is the 20% darker color. If you saturate the color by 10%, you get $194.7150, 57.5420, -7.5940$, and if you desaturate by 10%, it is $214.3890, 35.2130, -4.9070$.

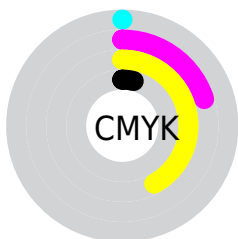
Distribution



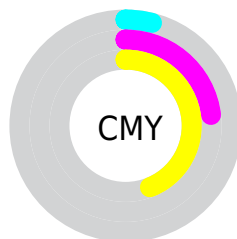
- Red (96%)
- Green (77%)
- Blue (56%)



- Red (92%)
- Yellow (96%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (4%)




- Cyan (4%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 204.4950, 46.5380, -6.4060 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 204.4950, 46.5380, -6.4060 by changing the saturation by 10% instead.

 204.4950, 46.5380,
-6.4060

 204.4950, 46.5380,
-6.4060


255.0000, -0.0000,
-0.0000


 177.0110, 45.0250,
-6.5190


 247.1000, 19.4890,
-17.3030


 149.6410, 43.1910,
-6.3210


 251.4660, 9.9510,
-9.6410

 123.8580, 41.0820,
-6.6460

 254.7720, 0.6420,
-0.6220

 98.0750, 38.9730,
-6.9710

 73.9930, 36.2680,
-7.5080

 50.3240, 33.8380,
-7.5220

 31.1090, 24.4380,

-2.3620

■ 8.6710, 17.2840,
6.1480

■ 0.0000, 0.0000,
0.0000

■ 204.4950, 46.5380,
-6.4060

■ 204.4950, 46.5380,
-6.4060

■ 194.7150, 57.5420,
-7.5940

■ 214.3890, 35.2130,
-4.9070

■ 185.4080, 68.5920,
-9.6160

■ 223.5820, 24.4840,
-3.1960

■ 175.6280, 79.5960,
-10.8040

■ 233.4760, 13.1590,
-1.6970

■ 165.7340, 90.9210,
-12.3030

■ 243.2560, 2.1550,
-0.5090

■ 156.5410,
101.6500, -14.0140

■ 251.4230, -5.6850,
-1.5970

■ 148.3910,
110.8200, -15.0040

■ 252.0100, -5.9600,
-2.1200

Harmonies

Analogous

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



203.7810, 49.1490, 6.8530



204.4950, 46.5380, -6.4060



201.4550, 25.6790, -19.3530

Triad

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



204.4950, 46.5380, -6.4060



187.1480, -68.7230, -26.5710



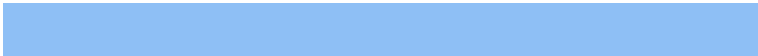
208.9460, 1.2330, 27.2250

Complementary

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



204.4950, 46.5380, -6.4060



182.5050, -46.5380, 6.4060

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.



202.6490, -29.2080, 11.7200



204.4950, 46.5380, -6.4060



187.0130, -81.1040, -16.9440

Square

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



204.4950, 46.5380, -6.4060



192.5520, -37.8660, -29.6260



194.1560, -62.0330, -4.6330



208.7290, 29.7050, 28.8490

Rectangle

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



204.4950, 46.5380, -6.4060



198.7130, 7.1570, -25.0910



194.1560, -62.0330, -4.6330



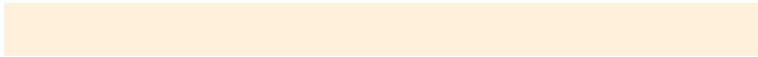
207.2220, -8.5320, 22.4760

Sweetspot

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



204.4950, 46.5380, -6.4060



241.8460, 14.9930, -1.8950



178.4970, 45.3380, 37.3860



119.7360, 9.4910, -1.3010



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.



204.4950, 46.5380, -6.4060



204.7150, 57.5420, -7.5940



232.6600, 31.8710, -32.4570



117.6970, 5.2270, -1.1170



112.5530, 84.1810, -11.2990



35.8380, 26.6390, -3.7050

Inverse Universe

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



182.5050, -46.5380, 6.4060



177.6980, -57.2670, 8.1170



154.3400, -31.8710, 32.4570



114.8900, -5.5020, 0.5940



73.4470, -84.1810, 11.2990



23.1620, -26.6390, 3.7050

Previews

White Background



This preview shows how the YIQ color 204.4950, 46.5380, -6.4060 looks on a white background.

Color Contrast Check

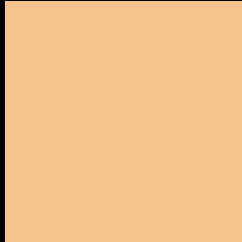
Large Text (above 18pt) WCAG AA × Fail

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 204.4950, 46.5380, -6.4060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

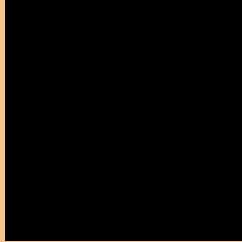
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 204.4950, 46.5380, -6.4060

Background



This preview shows how black text looks on a background with the YIQ color 204.4950, 46.5380, -6.4060.



This preview shows how white text looks on a background with the YIQ color 204.4950, 46.5380, -6.4060.

-6.4060.

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

204.4950, 46.5380, -6.4060

Protanopia

203.0580, 28.4750, -14.9570

Deuteranopia

204.4950, 46.5380, -6.4060



Tritanopia

208.5470, 32.7330, 18.0210

Trichromacy



Original Color

204.4950, 46.5380, -6.4060

Protanomaly

203.8740, 34.9850, -11.7910

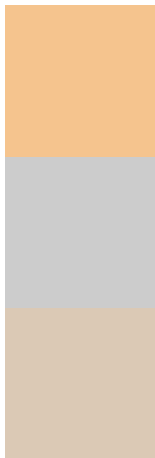
Deuteranomaly

204.4950, 46.5380, -6.4060

Tritanomaly

207.2020, 37.7780, 9.1860

Monochromacy



Original Color

204.4950, 46.5380, -6.4060

Achromatopsia

204.0000, -0.0000, -0.0000

Achromatomaly

204.1020, 17.1480, -2.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 204.4950, 46.5380, -6.4060 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(245, 196, 142)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 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(245, 196, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 142) }
```

Border

The CSS property to change the border of an element to YIQ 204.4950, 46.5380, -6.4060 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(245, 196, 142) }
```


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

```
.border{ border-color:rgb(245, 196, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 196, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 196, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 196, 142);  
box-shadow:4px 4px 4px 4px rgb(245, 196,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 204.4950, 46.5380, -6.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 142) }
```

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

```
.background{ background-color: rgb(245,  
196, 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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