

Converting Colors

YIQ(198.3100, 45.6210, -6.3070)

Have a look what the booklet for
YIQ(198.3100, 45.6210, -6.3070)
contains.

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Color

**YIQ(198.3100, 45.6210,
-6.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	EEBE89
RGB	238, 190, 137
RGB Percent	93%, 75%, 54%
CMY	0.0666, 0.2550, 0.4625
CMYK	0.00, 0.20, 0.42, 0.07
HSL	31°, 75%, 74%
HSV	31°, 42%, 93%
XYZ	58.1953, 56.8066, 31.5858
YIQ	198.3100, 45.6210, -6.3070

Conversions

Conversions Part 2

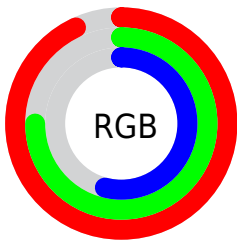
Format	Color
R _Y B	228, 238, 137
Decimal	15646345
CIE Lab	80.07, 10.48, 33.24
CIE LCh	80, 34.855, 72.509
Yxy	56.8066, 0.3970, 0.3875
Android (android.graphics.Color)	4293836425 (0xFFEEBE89)
YUV	198.3100, -30.2258, 34.8081
Hunter-Lab	75.3702, 5.9269, 27.9121

Details

The YIQ color **198.3100, 45.6210, -6.3070** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **176.6900, -45.6210, 6.3070**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.4210, 23.0190, -15.1970**, and **144.0430, 41.9990, -6.7450** is the 20% darker color. If you saturate the color by 10%, you get **189.1170, 56.3500, -8.0180**, and if you desaturate by 10%, it is **207.5030, 34.8920, -4.5960**.

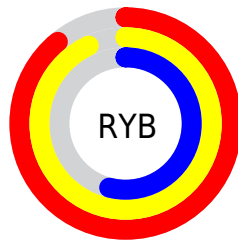
Distribution



Red (93%)

Green (75%)

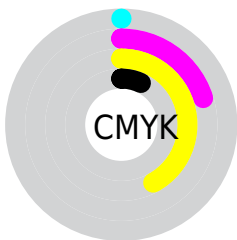
Blue (54%)



Red (89%)

Yellow (93%)

Blue (54%)

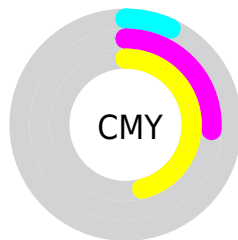


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (7%)



Cyan (7%)

Magenta (26%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.3100, 45.6210, -6.3070 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 198.3100, 45.6210, -6.3070 by changing the saturation by 10% instead.

198.3100, 45.6210,
-6.3070

198.3100, 45.6210,
-6.3070

255.0000, -0.0000,
-0.0000

170.8260, 44.1080,
-6.4200

242.4210, 23.0190,
-15.1970

144.0430, 41.9990,
-6.7450

250.8960, 11.5560,
-11.1960

117.6730, 40.1650,
-6.5470

254.2020, 2.2470,
-2.1770

92.8900, 38.0560,
-6.8720

68.6940, 35.6720,
-7.7200

46.4810, 31.9580,
-6.4900

26.3800, 22.2370,

-1.0190

■ 6.8770, 13.7080,
4.8760

■ 0.0000, 0.0000,
0.0000

■ 198.3100, 45.6210,
-6.3070

■ 198.3100, 45.6210,
-6.3070

■ 189.1170, 56.3500,
-8.0180

■ 207.5030, 34.8920,
-4.5960

■ 179.3370, 67.3540,
-9.2060

■ 217.2830, 23.8880,
-3.4080

■ 170.2580, 77.7620,
-10.6060

■ 226.3620, 13.4800,
-2.0080

■ 161.0650, 88.4910,
-12.3170

■ 235.5550, 2.7510,
-0.2970

■ 151.2850, 99.4950,
-13.5050

■ 245.2210, -7.9320,
0.5800

■ 144.5370,
107.4730, -14.9190

■ 249.9170,
-10.1320, -3.6040

Harmonies

Analogous

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



199.6890, 52.4040, 8.4360



198.3100, 45.6210, -6.3070



195.5690, 25.3580, -19.0420

Triad

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



198.3100, 45.6210, -6.3070



181.3330, -67.8060, -26.6700



202.5330, 0.9580, 26.7020

Complementary

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



198.3100, 45.6210, -6.3070



176.6900, -45.6210, 6.3070

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.



197.3330, -31.1340, 13.5860



198.3100, 45.6210, -6.3070



181.1980, -80.1870, -17.0430

Square

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



198.3100, 45.6210, -6.3070



186.2640, -36.9950, -28.8910



188.5520, -63.0880, -2.0320



203.9140, 30.6220, 28.7500

Rectangle

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



198.3100, 45.6210, -6.3070



192.8270, 6.8360, -24.7800



188.5520, -63.0880, -2.0320



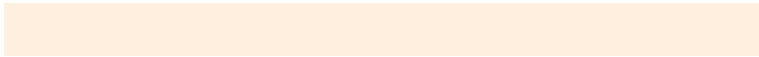
201.6780, -9.8160, 23.7200

Sweetspot

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



198.3100, 45.6210, -6.3070



241.8460, 14.9930, -1.8950



172.7850, 44.4670, 36.6510



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.



198.3100, 45.6210, -6.3070



203.7860, 58.7800, -8.0040



225.8880, 31.2290, -31.8350



115.1100, 5.5020, -0.5940



111.3680, 83.2640, -11.2000



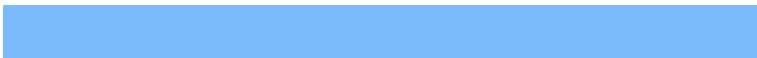
33.7670, 25.4010, -3.2950

Inverse Universe

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



176.6900, -45.6210, 6.3070



176.2140, -58.7800, 8.0040



149.1120, -31.2290, 31.8350



112.8900, -5.5020, 0.5940



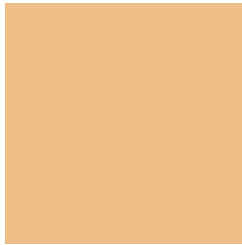
72.0450, -82.9890, 11.7230



22.2330, -25.4010, 3.2950

Previews

White Background



This preview shows how the YIQ color 198.3100, 45.6210, -6.3070 looks on a white background.

Color Contrast Check

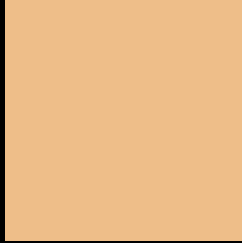
Large Text (above 18pt) WCAG AA × Fail

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 198.3100, 45.6210, -6.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

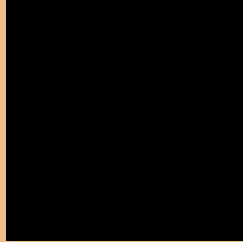
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 198.3100, 45.6210, -6.3070

Background



This preview shows how black text looks on a background with the YIQ color 198.3100, 45.6210, -6.3070.



This preview shows how white text looks on a background with the YIQ color 198.3100, 45.6210,

-6.3070.

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

198.3100, 45.6210, -6.3070

Protanopia

196.8730, 27.5580, -14.8580

Deuteranopia

198.0110, 45.0250, -6.5190



Tritanopia

202.1340, 32.4580, 17.4980

Trichromacy



Original Color

198.3100, 45.6210, -6.3070

Protanomaly

197.6890, 34.0680, -11.6920

Deuteranomaly

198.0110, 45.0250, -6.5190

Tritanomaly

200.9030, 37.1820, 8.9740

Monochromacy



Original Color

198.3100, 45.6210, -6.3070

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.2160, 16.8270, -2.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.3100, 45.6210, -6.3070 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(238, 190, 137)` looks like.

```
.text, #text, p{  
    color:rgb(238, 190, 137)  
}
```

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(238, 190, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 190, 137) }
```

Border

The CSS property to change the border of an element to YIQ 198.3100, 45.6210, -6.3070 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(238, 190, 137) }
```


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

```
.border{ border-color:rgb(238, 190, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 190, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 190, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 190, 137);  
box-shadow:4px 4px 4px 4px rgb(238, 190,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 198.3100, 45.6210, -6.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 190, 137) }
```

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

```
.background{ background-color: rgb(238,  
190, 137) }
```

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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