

Converting Colors

YIQ(198.0730, 50.4820,
-11.8060)

Have a look what the booklet for
YIQ(198.0730, 50.4820, -11.8060)
contains.

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Color

**YIQ(198.0730, 50.4820,
-11.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC07A
RGB	239, 192, 122
RGB Percent	94%, 75%, 48%
CMY	0.0627, 0.2471, 0.5213
CMYK	0.00, 0.20, 0.49, 0.06
HSL	36°, 79%, 71%
HSV	36°, 49%, 94%
XYZ	57.9646, 57.4510, 26.4675
YIQ	198.0730, 50.4820, -11.8060

Conversions

Conversions Part 2

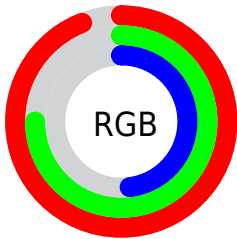
Format	Color
R_{YB}	201, 239, 122
Decimal	15712378
CIE _{Lab}	80.43, 8.35, 41.44
CIE _{LCh}	80, 42.278, 78.603
Yxy	57.4510, 0.4085, 0.4049
Android (android.graphics.Color)	4293902458 (0xFFEFC07A)
YUV	198.0730, -37.5040, 35.8930
Hunter-Lab	75.7964, 3.8624, 32.3539

Details

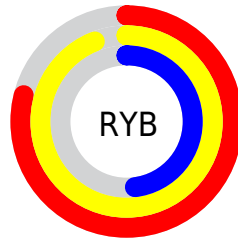
The YIQ color $198.0730, 50.4820, -11.8060$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $162.9270, -50.4820, 11.8060$, and the grayscale version is $198.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.7710, 27.6050, -21.2190$, and $143.9200, 46.5390, -11.9330$ is the 20% darker color. If you saturate the color by 10%, you get $189.4670, 60.9360, -14.0400$, and if you desaturate by 10%, it is $206.6790, 40.0280, -9.5720$.

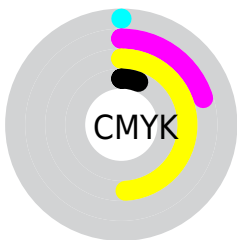
Distribution



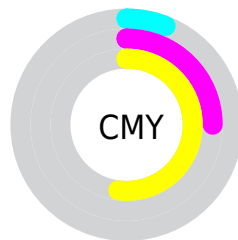
- Red (94%)
- Green (75%)
- Blue (48%)



- Red (79%)
- Yellow (94%)
- Blue (48%)



- Cyan (0%)
- Magenta (20%)
- Yellow (49%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.0730, 50.4820, -11.8060 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 198.0730, 50.4820, -11.8060 by changing the saturation by 10% instead.

198.0730, 50.4820,
-11.8060

198.0730, 50.4820,
-11.8060

255.0000, -0.0000,
-0.0000

170.5890, 48.9690,
-11.9190

241.8850, 27.2840,
-20.9080

143.9200, 46.5390,
-11.9330

249.0720, 16.6920,
-16.1720

117.1370, 44.4300,
-12.2580

252.3780, 7.3830,
-7.1530

92.2400, 42.6420,
-12.8940

68.0440, 40.2580,
-13.7420

47.0570, 30.2160,
-7.9600

27.2550, 21.0910,

-2.2770

■ 6.2790, 12.5160,
4.4520

■ 0.0000, 0.0000,
0.0000

■ 198.0730, 50.4820,
-11.8060

■ 198.0730, 50.4820,
-11.8060

■ 189.4670, 60.9360,
-14.0400

■ 206.6790, 40.0280,
-9.5720

■ 181.4480, 71.1150,
-16.7970

■ 214.6980, 29.8490,
-6.8150

■ 172.8420, 81.5690,
-19.0310

■ 223.3040, 19.3950,
-4.5810

■ 164.8230, 91.7480,
-21.7880

■ 231.3230, 9.2160,
-1.8240

■ 156.3310,
101.8810, -23.7110

■ 239.9290, -1.2380,
0.4100

■ 155.4020,
103.1190, -24.1210

■ 247.2810, -8.1610,
-0.7770

■ 250.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



197.5060, 57.1730, 4.6050



198.0730, 50.4820, -11.8060



194.4560, 23.9380, -26.3500

Triad

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



198.0730, 50.4820, -11.8060



169.2020, -104.3460, -36.2660



204.9410, 8.7970, 33.3170

Complementary

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



198.0730, 50.4820, -11.8060



162.9270, -50.4820, 11.8060

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.



197.9530, -27.0080, 15.9040



198.0730, 50.4820, -11.8060



169.9040, -114.7100, -24.6460

Square

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



198.0730, 50.4820, -11.8060



181.3970, -56.6630, -35.8870



185.8500, -69.9190, -4.8870



200.6590, 35.8940, 32.3260

Rectangle

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



198.0730, 50.4820, -11.8060



191.3760, 0.5560, -32.1160



185.8500, -69.9190, -4.8870



203.1460, -2.2060, 28.9780

Sweetspot

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



198.0730, 50.4820, -11.8060



241.8630, 16.3230, -3.9730



162.5690, 54.0030, 40.0430



119.5080, 10.1330, -1.9230



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.



198.0730, 50.4820, -11.8060



202.0930, 64.9250, -14.7470



222.6720, 31.5970, -38.5070



115.6970, 5.2270, -1.1170



119.5860, 79.4140, -18.5220



36.7020, 24.0260, -5.9100

Inverse Universe

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



162.9270, -50.4820, 11.8060



157.3200, -64.6500, 15.2700



138.3280, -31.5970, 38.5070



112.3030, -5.2270, 1.1170



64.4140, -79.4140, 18.5220



19.8850, -24.3010, 5.3870

Previews

White Background



This preview shows how the YIQ color 198.0730, 50.4820, -11.8060 looks on a white background.

Color Contrast Check

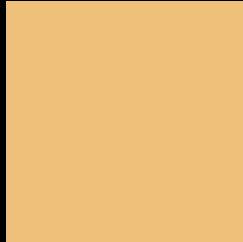
Large Text (above 18pt) WCAG AA × Fail

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 198.0730, 50.4820, -11.8060 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 198.0730, 50.4820, -11.8060

Background



This preview shows how black text looks on a background with the YIQ color 198.0730, 50.4820, -11.8060.



This preview shows how white text looks on a background with the YIQ color 198.0730, 50.4820, -11.8060.

-11.8060.

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

198.0730, 50.4820, -11.8060

Protanopia

196.8320, 34.8030, -19.5090

Deuteranopia

198.3830, 52.5450, -10.6470



Tritanopia

203.4330, 33.0540, 17.7100

Trichromacy



Original Color

198.0730, 50.4820, -11.8060

Protanomaly

197.3490, 40.7170, -16.5550

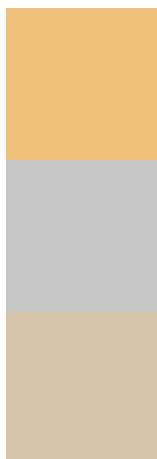
Deuteranomaly

198.0840, 51.9490, -10.8590

Tritanomaly

201.2190, 39.1080, 7.1080

Monochromacy



Original Color

198.0730, 50.4820, -11.8060

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1190, 18.4780, -4.4820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.0730, 50.4820, -11.8060 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(239, 192, 122)` looks like.

```
.text, #text, p{  
    color:rgb(239, 192, 122)  
}
```

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(239, 192, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 192, 122) }
```

Border

The CSS property to change the border of an element to YIQ 198.0730, 50.4820, -11.8060 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(239, 192, 122) }
```


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

```
.border{ border-color:rgb(239, 192, 122) }
```

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

Here you see how a box with a 4 pixel rgb(239, 192, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 192, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 192, 122);  
box-shadow:4px 4px 4px 4px rgb(239, 192,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 198.0730, 50.4820, -11.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 192, 122) }
```

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

```
.background{ background-color: rgb(239,  
192, 122) }
```

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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