

Converting Colors

YIQ(190.5410, 58.0920, -6.5480)

Have a look what the booklet for
YIQ(190.5410, 58.0920, -6.5480)
contains.

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Color

**YIQ(190.5410, 58.0920,
-6.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	F2B373
RGB	242, 179, 115
RGB Percent	95%, 70%, 45%
CMY	0.0509, 0.2981, 0.5487
CMYK	0.00, 0.26, 0.52, 0.05
HSL	30°, 83%, 70%
HSV	30°, 52%, 95%
XYZ	55.8410, 52.3512, 23.4029
YIQ	190.5410, 58.0920, -6.5480

Conversions

Conversions Part 2

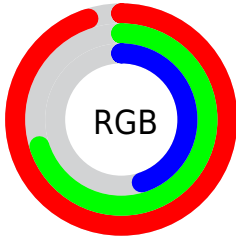
Format	Color
RYB	240, 242, 115
Decimal	15905651
CIELab	77.49, 15.79, 41.39
CIElCh	77, 44.299, 69.113
Yxy	52.3512, 0.4243, 0.3978
Android (android.graphics.Color)	4294095731 (0xFFFF2B373)
YUV	190.5410, -37.2417, 45.1295
Hunter-Lab	72.3541, 11.1418, 31.4706

Details

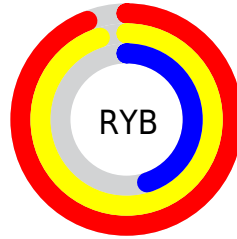
The YIQ color **190.5410, 58.0920, -6.5480** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **166.4590, -58.0920, 6.5480**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.3420, 33.4270, -16.5970**, and **136.0890, 53.5530, -6.8870** is the 20% darker color. If you saturate the color by 10%, you get **180.7610, 69.0960, -7.7360**, and if you desaturate by 10%, it is **200.3210, 47.0880, -5.3600**.

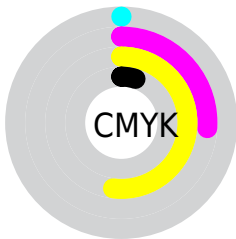
Distribution



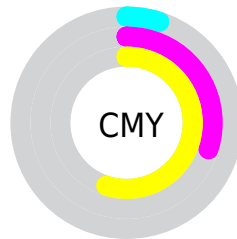
- Red (95%)
- Green (70%)
- Blue (45%)



- Red (94%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 190.5410, 58.0920, -6.5480 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 190.5410, 58.0920, -6.5480 by changing the saturation by 10% instead.


 190.5410, 58.0920,
-6.5480


 190.5410, 58.0920,
-6.5480


255.0000, -0.0000,
-0.0000

 162.8720, 55.6620,
-6.5620


 233.3420, 33.4270,
-16.5970

 136.0890, 53.5530,
-6.8870


 248.2740, 18.9390,
-18.3490


 110.0070, 50.8480,
-7.4240

 251.4660, 9.9510,
-9.6410

 84.6970, 48.7850,
-8.5830

254.7720, 0.6420,
-0.6220

 61.2990, 44.1540,
-7.2540

 40.8990, 33.8370,
-1.9950

 20.4990, 23.5200,

3.2640

■ 3.8870, 7.7480,
2.7560

■ 0.0000, 0.0000,
0.0000

■ 190.5410, 58.0920,
-6.5480

■ 190.5410, 58.0920,
-6.5480

■ 180.7610, 69.0960,
-7.7360

■ 200.3210, 47.0880,
-5.3600

■ 170.9810, 80.1000,
-8.9240

■ 210.1010, 36.0840,
-4.1720

■ 161.0870, 91.4250,
-10.4230

■ 219.9950, 24.7590,
-2.6730

■ 151.3070,
102.4290, -11.6110

■ 229.7750, 13.7550,
-1.4850

143.9720,
110.6820, -12.5020

239.5550, 2.7510,
-0.2970

248.7650, -6.6480,
-0.6640

251.1130, -7.7480,
-2.7560

Harmonies

Analogous

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



189.8750, 60.7480, 11.4040



190.5410, 58.0920, -6.5480



187.3110, 34.7120, -23.3680

Triad

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



190.5410, 58.0920, -6.5480



157.7410, -104.6660, -41.4820



195.7700, -3.9030, 32.2010

Complementary

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



190.5410, 58.0920, -6.5480



166.4590, -58.0920, 6.5480

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.



186.3360, -44.3840, 11.4240



190.5410, 58.0920, -6.5480



151.4450, -135.7070, -35.0910

Square

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



190.5410, 58.0920, -6.5480



174.8020, -44.7420, -37.1740



169.7480, -96.2350, -12.5470



196.6360, 34.7010, 37.4290

Rectangle

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



190.5410, 58.0920, -6.5480



184.3620, 12.3390, -30.9010



169.7480, -96.2350, -12.5470



193.3230, -16.0060, 25.7700

Sweetspot

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



190.5410, 58.0920, -6.5480



238.5860, 18.6610, -2.2910



160.2690, 55.1480, 46.8280



117.5190, 11.6000, -0.9760



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.



190.5410, 58.0920, -6.5480



189.6860, 73.6810, -8.2310



227.5220, 40.7670, -39.4970



115.1100, 5.5020, -0.5940



109.0200, 84.3640, -9.1080



33.1800, 25.6760, -2.7720

Inverse Universe

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



166.4590, -58.0920, 6.5480



159.3140, -73.6810, 8.2310



129.4780, -40.7670, 39.4970



112.8900, -5.5020, 0.5940



74.3930, -84.0890, 9.6310



22.8200, -25.6760, 2.7720

Previews

White Background



This preview shows how the YIQ color 190.5410, 58.0920, -6.5480 looks on a white background.

Color Contrast Check

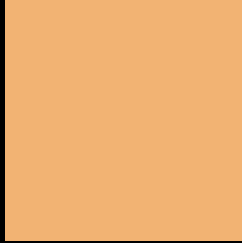
Large Text (above 18pt) WCAG AA × Fail

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 190.5410, 58.0920, -6.5480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

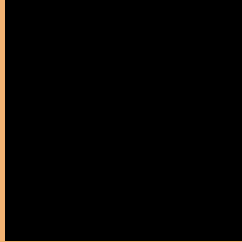
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 190.5410, 58.0920, -6.5480

Background



This preview shows how black text looks on a background with the YIQ color 190.5410, 58.0920, -6.5480.



This preview shows how white text looks on a background with the YIQ color 190.5410, 58.0920, -6.5480.

-6.5480.

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

190.5410, 58.0920, -6.5480

Protanopia

188.8750, 33.2440, -18.7880

Deuteranopia

190.0840, 51.9490, -10.8590



Tritanopia

195.5050, 41.7190, 20.3670

Trichromacy



Original Color

190.5410, 58.0920, -6.5480

Protanomaly

189.3000, 42.4130, -14.2510

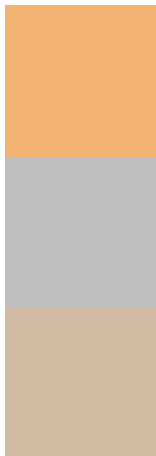
Deuteranomaly

190.3940, 54.0120, -9.7000

Tritanomaly

193.8180, 47.7270, 10.5990

Monochromacy



Original Color

190.5410, 58.0920, -6.5480

Achromatopsia

191.0000, -0.0000, -0.0000

Achromatomaly

191.1410, 21.4120, -2.5880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.5410, 58.0920, -6.5480 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(242, 179, 115)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 115)  
}
```

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(242, 179, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 115) }
```

Border

The CSS property to change the border of an element to YIQ 190.5410, 58.0920, -6.5480 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(242, 179, 115) }
```


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

```
.border{ border-color:rgb(242, 179, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 115);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 190.5410, 58.0920, -6.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 115) }
```

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

```
.background{ background-color: rgb(242,  
179, 115) }
```

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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