

Converting Colors

YIQ(205.2110, 58.7810,
-13.5310)

Have a look what the booklet for
YIQ(205.2110, 58.7810, -13.5310)
contains.

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Color

**YIQ(205.2110, 58.7810,
-13.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC675
RGB	253, 198, 117
RGB Percent	99%, 78%, 46%
CMY	0.0078, 0.2236, 0.5409
CMYK	0.00, 0.22, 0.54, 0.01
HSL	36°, 97%, 73%
HSV	36°, 54%, 99%
XYZ	63.9196, 62.5501, 25.5574
YIQ	205.2110, 58.7810, -13.5310

Conversions

Conversions Part 2

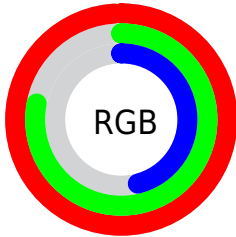
Format	Color
RYB	209, 253, 117
Decimal	16631413
CIELab	83.21, 10.45, 47.67
CIELCh	83, 48.804, 77.632
Yxy	62.5501, 0.4204, 0.4114
Android (android.graphics.Color)	4294821493 (0xFFFD675)
YUV	205.2110, -43.4880, 41.9110
Hunter-Lab	79.0886, 5.8589, 36.2026

Details

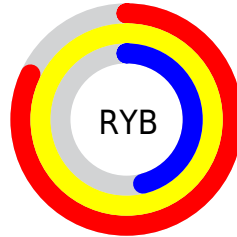
The YIQ color $205.2110, 58.7810, -13.5310$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $164.7890, -58.7810, 13.5310$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.4240, 26.9640, -26.1240$, and $149.7590, 54.2420, -13.8700$ is the 20% darker color. If you saturate the color by 10%, you get $196.4910, 69.5560, -16.0760$, and if you desaturate by 10%, it is $213.9310, 48.0060, -10.9860$.

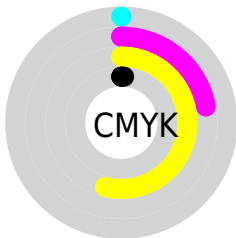
Distribution



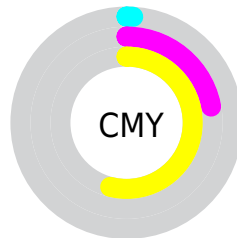
- Red (99%)
- Green (78%)
- Blue (46%)



- Red (82%)
- Yellow (99%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (54%)
- Black (1%)





- Cyan (1%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.2110, 58.7810, -13.5310 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 205.2110, 58.7810, -13.5310 by changing the saturation by 10% instead.


 205.2110, 58.7810,
-13.5310


 205.2110, 58.7810,
-13.5310


255.0000, -0.0000,
-0.0000


 177.4280, 56.6720,
-13.8560


 245.4240, 26.9640,
-26.1240


 149.7590, 54.2420,
-13.8700


 248.5020, 18.2970,
-17.7270

 123.8620, 52.4540,
-14.5060

 251.8080, 8.9880,
-8.7080

 97.3240, 51.0330,
-16.2870

 73.9690, 44.8430,
-14.2370

 52.3950, 35.0760,
-7.9320

 32.2940, 25.3550,

-2.4610

■ 11.0300, 17.6510,
5.0030

■ 0.0000, 0.0000,
0.0000

■ 205.2110, 58.7810,
-13.5310

■ 205.2110, 58.7810,
-13.5310

■ 196.4910, 69.5560,
-16.0760

■ 213.9310, 48.0060,
-10.9860

■ 187.0700, 80.9270,
-18.4090

■ 222.7650, 36.9100,
-8.1300

■ 178.3500, 91.7020,
-20.9540

■ 232.0720, 25.8600,
-6.1080

■ 169.6300,
102.4770, -23.4990

■ 240.7920, 15.0850,
-3.5630

164.2840,
109.2630, -25.3370

249.6260, 3.9890,
-0.7070

254.4020, -1.1920,
-0.4240

Harmonies

Analogous

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



199.1530, 56.6690, 2.7250



205.2110, 58.7810, -13.5310



201.2730, 28.7070, -30.1810

Triad

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



205.2110, 58.7810, -13.5310



162.2730, -138.6390, -48.0390



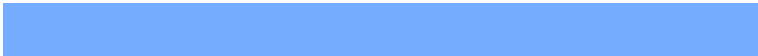
211.2190, 13.8860, 34.7020

Complementary

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



205.2110, 58.7810, -13.5310



164.7890, -58.7810, 13.5310

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.



202.3610, -28.3370, 12.4550



205.2110, 58.7810, -13.5310



162.3190, -144.2800, -39.4160

Square

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



205.2110, 58.7810, -13.5310



184.0210, -67.5280, -42.7280



185.7400, -84.5890, -14.3570



203.7880, 31.2170, 34.4890

Rectangle

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



205.2110, 58.7810, -13.5310



197.5130, 1.4280, -36.9080



185.7400, -84.5890, -14.3570



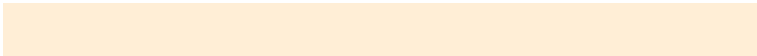
209.0600, 0.9120, 27.5360

Sweetspot

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



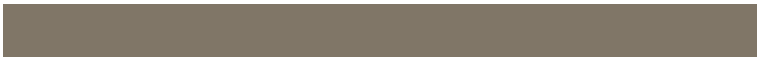
205.2110, 58.7810, -13.5310



240.3470, 17.8360, -3.8600



164.1620, 62.7590, 46.5590



119.2800, 10.7750, -2.5450



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.



205.2110, 58.7810, -13.5310



197.6760, 70.4730, -16.1750



234.2070, 37.1000, -44.6280



122.9960, 5.8230, -0.9050



124.0270, 82.4860, -19.1300



41.4420, 27.6940, -6.3060

Inverse Universe

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



164.7890, -58.7810, 13.5310



149.3240, -70.4730, 16.1750



135.7930, -37.1000, 44.6280



119.4170, -5.5480, 1.4280



66.9730, -82.4860, 19.1300



22.5580, -27.6940, 6.3060

Previews

White Background



This preview shows how the YIQ color 205.2110, 58.7810, -13.5310 looks on a white background.

Color Contrast Check

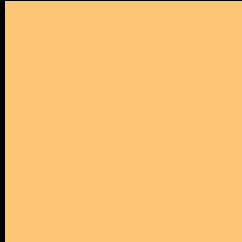
Large Text (above 18pt) WCAG AA × Fail

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 205.2110, 58.7810, -13.5310 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 205.2110, 58.7810, -13.5310

Background



This preview shows how black text looks on a background with the YIQ color 205.2110, 58.7810, -13.5310.



This preview shows how white text looks on a background with the YIQ color 205.2110, 58.7810, -13.5310.

-13.5310.

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

205.2110, 58.7810, -13.5310

Protanopia

203.7630, 39.2510, -23.0290

Deuteranopia

205.2110, 58.7810, -13.5310



Tritanopia

210.9170, 34.5670, 17.8230

Trichromacy



Original Color

205.2110, 58.7810, -13.5310

Protanomaly

203.9920, 46.0360, -19.3400

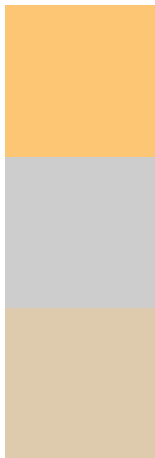
Deuteranomaly

205.2110, 58.7810, -13.5310

Tritanomaly

208.8450, 43.0970, 6.4010

Monochromacy



Original Color

205.2110, 58.7810, -13.5310

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

204.6740, 21.2290, -4.7790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.2110, 58.7810, -13.5310 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(253, 198, 117)` looks like.

```
.text, #text, p{  
    color:rgb(253, 198, 117)  
}
```

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(253, 198, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 198, 117) }
```

Border

The CSS property to change the border of an element to YIQ 205.2110, 58.7810, -13.5310 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(253, 198, 117) }
```


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

```
.border{ border-color:rgb(253, 198, 117) }
```

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

Here you see how a box with a 4 pixel rgb(253, 198, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 198, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 198, 117);  
box-shadow:4px 4px 4px 4px rgb(253, 198,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 205.2110, 58.7810, -13.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 198, 117) }
```

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

```
.background{ background-color: rgb(253,  
198, 117) }
```

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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