

Converting Colors

YIQ(209.6250, 57.3150,
-20.0050)

Have a look what the booklet for
YIQ(209.6250, 57.3150, -20.0050)
contains.

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Color

**YIQ(209.6250, 57.3150,
-20.0050)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCF70
RGB	252, 207, 112
RGB Percent	99%, 81%, 44%
CMY	0.0117, 0.1883, 0.5605
CMYK	0.00, 0.18, 0.56, 0.01
HSL	41°, 96%, 71%
HSV	41°, 56%, 99%
XYZ	65.3864, 66.4856, 24.7384
YIQ	209.6250, 57.3150, -20.0050

Conversions

Conversions Part 2

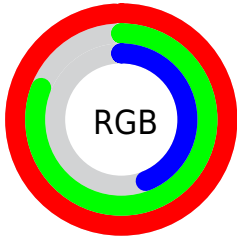
Format	Color
RYB	178, 252, 112
Decimal	16568176
CIELab	85.24, 4.99, 52.52
CIELCh	85, 52.755, 84.570
Yxy	66.4856, 0.4175, 0.4245
Android (android.graphics.Color)	4294758256 (0xFFFCF70)
YUV	209.6250, -48.1291, 37.1629
Hunter-Lab	81.5387, 0.4474, 39.0888

Details

The YIQ color $209.6250, 57.3150, -20.0050$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $154.3750, -57.3150, 20.0050$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.8540, 28.5690, -27.6790$, and $154.3580, 53.6930, -20.4430$ is the 20% darker color. If you saturate the color by 10%, you get $202.0790, 67.5400, -23.5960$, and if you desaturate by 10%, it is $217.1710, 47.0900, -16.4140$.

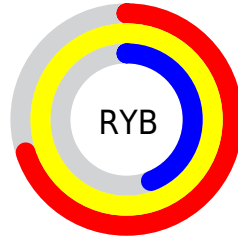
Distribution



Red (99%)

Green (81%)

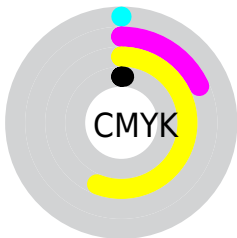
Blue (44%)



Red (70%)

Yellow (99%)

Blue (44%)

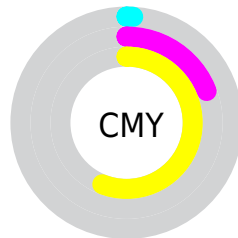


Cyan (0%)

Magenta (18%)

Yellow (56%)

Black (1%)



Cyan (1%)


Magenta (19%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.6250, 57.3150, -20.0050 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 209.6250, 57.3150, -20.0050 by changing the saturation by 10% instead.


 209.6250, 57.3150,
-20.0050


 209.6250, 57.3150,
-20.0050


255.0000, -0.0000,
-0.0000


 181.8420, 55.2060,
-20.3300


 244.8540, 28.5690,
-27.6790


 154.3580, 53.6930,
-20.4430


 248.0460, 19.5810,
-18.9710


 127.4610, 51.9050,
-21.0790

 251.2380, 10.5930,
-10.2630

 100.2390, 52.4100,
-24.7260

 254.5440, 1.2840,
-1.2440

 78.0780, 42.9180,
-17.8980

 57.0910, 32.8760,
-12.1160

 36.6910, 22.5590,

-6.8570

■ 17.1880, 14.0300,
-0.9620

■ 0.0000, 0.0000,
0.0000

■ 209.6250, 57.3150,
-20.0050

■ 209.6250, 57.3150,
-20.0050

■ 202.0790, 67.5400,
-23.5960

■ 217.1710, 47.0900,
-16.4140

■ 194.5330, 77.7650,
-27.1870

■ 224.7170, 36.8650,
-12.8230

■ 186.8730, 88.3110,
-31.0890

■ 232.3770, 26.3190,
-8.9210

■ 179.3270, 98.5360,
-34.6800

■ 239.9230, 16.0940,
-5.3300

■ 175.7250,
103.1670, -36.0090

■ 248.0560, 5.5940,
-2.2620

■ 254.1030, -1.7880,
-0.6360

Harmonies

Analogous

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



202.3500, 57.3120, -3.4240



209.6250, 57.3150, -20.0050



204.6910, 21.4180, -35.7500

Triad

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



209.6250, 57.3150, -20.0050



168.5480, -146.6630, -45.7910



213.9100, 19.2500, 36.6100

Complementary

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



209.6250, 57.3150, -20.0050



154.3750, -57.3150, 20.0050

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.



209.2270, -16.0960, 16.3840



209.6250, 57.3150, -20.0050



165.8410, -145.9300, -42.5540

Square

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



209.6250, 57.3150, -20.0050



179.7770, -96.3200, -49.5680



192.2850, -75.8780, -12.5340



203.3320, 32.5010, 33.2450

Rectangle

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



209.6250, 57.3150, -20.0050



200.0060, -10.4460, -41.9820



192.2850, -75.8780, -12.5340



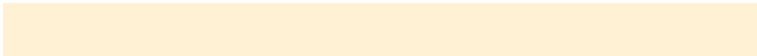
215.6380, 14.0240, 32.2000

Sweetspot

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



209.6250, 57.3150, -20.0050



241.8800, 17.6530, -6.0510



159.2180, 68.3530, 44.2970



119.7530, 10.8210, -3.3790



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.



209.6250, 57.3150, -20.0050



203.2210, 70.0160, -24.4160



229.1630, 31.2320, -48.4160



121.1700, 5.2730, -1.9510



131.6470, 77.4440, -26.8760



42.8930, 24.8060, -9.0340

Inverse Universe

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



154.3750, -57.3150, 20.0050



135.7790, -70.0160, 24.4160



134.8370, -31.2320, 48.4160



115.8300, -5.2730, 1.9510



57.3530, -77.4440, 26.8760



18.6940, -25.0810, 8.5110

Previews

White Background



This preview shows how the YIQ color 209.6250, 57.3150, -20.0050 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 209.6250, 57.3150, -20.0050 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 209.6250, 57.3150, -20.0050

Background



This preview shows how black text looks on a background with the YIQ color 209.6250, 57.3150, -20.0050.



This preview shows how white text looks on a background with the YIQ color 209.6250, 57.3150,

-20.0050.

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

209.6250, 57.3150, -20.0050

Protanopia

208.2920, 44.8910, -26.1250

Deuteranopia

211.7420, 52.9120, -11.7920



Tritanopia

216.5250, 29.7990, 16.1270

Trichromacy



Original Color

209.6250, 57.3150, -20.0050

Protanomaly

208.7980, 49.3380, -24.1180

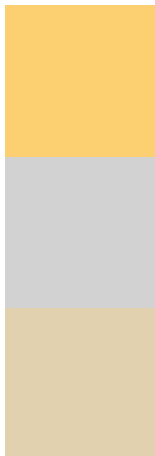
Deuteranomaly

211.1180, 54.6090, -15.0150

Tritanomaly

213.8830, 39.9340, 3.1500

Monochromacy



Original Color

209.6250, 57.3150, -20.0050

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.7940, 20.7710, -7.4930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.6250, 57.3150, -20.0050 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(252, 207, 112)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 112)  
}
```

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(252, 207, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 112) }
```

Border

The CSS property to change the border of an element to YIQ 209.6250, 57.3150, -20.0050 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(252, 207, 112) }
```


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

```
.border{ border-color:rgb(252, 207, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 207, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 112);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 209.6250, 57.3150, -20.0050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 112) }
```

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

```
.background{ background-color: rgb(252,  
207, 112) }
```

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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