

Converting Colors

YIQ(198.1560, 93.8630,
-54.6250)

Have a look what the booklet for
YIQ(198.1560, 93.8630, -54.6250)
contains.

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Color

**YIQ(198.1560, 93.8630,
-54.6250)**

Conversions

Conversions Part 1

Format	Color
Hex	FED001
RGB	254, 208, 1
RGB Percent	100%, 82%, 0%
CMY	0.0039, 0.1844, 0.9954
CMYK	0.00, 0.18, 1.00, 0.00
HSL	49°, 99%, 50%
HSV	49°, 100%, 100%
XYZ	63.4285, 66.1744, 9.4625
YIQ	198.1560, 93.8630, -54.6250

Conversions

Conversions Part 2

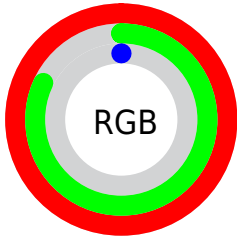
Format	Color
RYB	57, 254, 1
Decimal	16699393
CIELab	85.09, 1.22, 85.70
CIELCh	85, 85.705, 89.182
Yxy	66.1744, 0.4561, 0.4759
Android (android.graphics.Color)	4294889473 (0xFF FED001)
YUV	198.1560, -97.1979, 48.9752
Hunter-Lab	81.3477, -3.1782, 50.0466

Details

The YIQ color **198.1560, 93.8630, -54.6250** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **56.8440, -93.8630, 54.6250**, and the grayscale version is **199.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, 53.6070, -51.9370**, and **147.8060, 72.0820, -39.8380** is the 20% darker color. If you saturate the color by 10%, you get **198.0420, 94.1840, -54.9360**, and if you desaturate by 10%, it is **204.0550, 84.1420, -49.1540**.

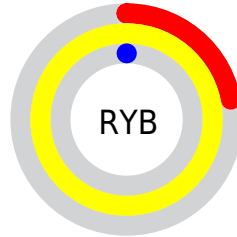
Distribution



Red (100%)

Green (82%)

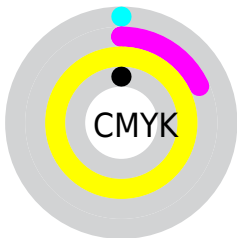
Blue (0%)



Red (22%)

Yellow (100%)

Blue (0%)

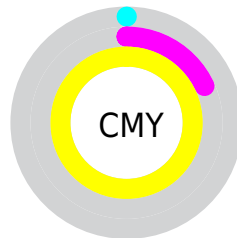


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.1560, 93.8630, -54.6250 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 198.1560, 93.8630, -54.6250 by changing the saturation by 10% instead.

 198.1560, 93.8630,
-54.6250


 198.1560, 93.8630,
-54.6250

255.0000, -0.0000,
-0.0000


 172.9240, 83.1330,
-47.3870


 235.9620, 53.6070,
-51.9370


 147.8060, 72.0820,
-39.8380


 239.3820, 43.9770,
-42.6070


 123.5740, 61.3520,
-32.6000


 242.6880, 34.6680,
-33.5880

 100.5160, 50.0720,
-26.4080

 245.9940, 25.3590,
-24.5690

 77.7570, 39.3880,
-20.0040

 249.4140, 15.7290,
-15.2390

 56.1830, 29.6210,
-13.6990

 252.8340, 6.0990,

 36.0820, 19.9000,

-5.9090

-8.2280

■ 16.8670, 10.5000,
-3.0680

■ 0.0000, 0.0000,
0.0000

■ 198.1560, 93.8630,
-54.6250

■ 198.1560, 93.8630,
-54.6250

■ 198.0420, 94.1840,
-54.9360

■ 204.0550, 84.1420,
-49.1540

■ 209.2530, 75.0170,
-43.4710

■ 215.0380, 65.6170,
-38.3110

■ 220.3500, 56.1710,
-32.3170

■ 226.1350, 46.7710,
-27.1570

■ 232.0340, 37.0500,
-21.6860

■ 237.2320, 27.9250,
-16.0030

■ 243.0170, 18.5250,
-10.8430

■ 248.9160, 8.8040,
-5.3720

Harmonies

Analogous

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



187.3090, 81.7520, -16.8400



198.1560, 93.8630, -54.6250



193.3230, 24.1290, -68.3750

Triad

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



198.1560, 93.8630, -54.6250



175.8200, -150.6050, -51.4450



196.3000, 27.5000, 52.3000

Complementary

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



198.1560, 93.8630, -54.6250



56.8440, -93.8630, 54.6250

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.



203.3680, -11.8790, 22.5610



198.1560, 93.8630, -54.6250



171.1240, -148.4050, -47.2610

Square

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



198.1560, 93.8630, -54.6250



170.4620, -135.5180, -66.0620



159.9710, -143.1800, -37.3240



177.9940, 45.9770, 53.3450

Rectangle

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



198.1560, 93.8630, -54.6250



182.0660, -38.1790, -73.5310



159.9710, -143.1800, -37.3240



203.3440, 24.2000, 46.0240

Sweetspot

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



198.1560, 93.8630, -54.6250



238.1180, 28.2460, -16.3140



82.0050, 135.7010, 68.2530



117.4730, 17.2410, -9.5990



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.



198.1560, 93.8630, -54.6250



198.9280, 94.5050, -55.2470



201.2380, 33.5330, -95.6430



124.7570, 4.9980, -2.4740



148.6810, 70.9360, -41.0960



49.6600, 23.8440, -13.6280

Inverse Universe

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



56.8440, -93.8630, 54.6250



56.0720, -94.5050, 55.2470



53.7620, -33.5330, 95.6430



117.6560, -4.7230, 2.9970



42.3190, -70.9360, 41.0960



14.3400, -23.8440, 13.6280

Previews

White Background



This preview shows how the YIQ color 198.1560, 93.8630, -54.6250 looks on a white background.

Color Contrast Check

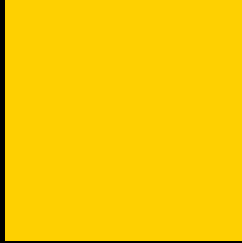
Large Text (above 18pt) WCAG AA × Fail

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 198.1560, 93.8630, -54.6250 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 198.1560, 93.8630, -54.6250

Background



This preview shows how black text looks on a background with the YIQ color 198.1560, 93.8630, -54.6250.



This preview shows how white text looks on a background with the YIQ color 198.1560, 93.8630,

-54.6250.

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

198.1560, 93.8630, -54.6250

Protanopia

197.9310, 81.2550, -57.4090

Deuteranopia

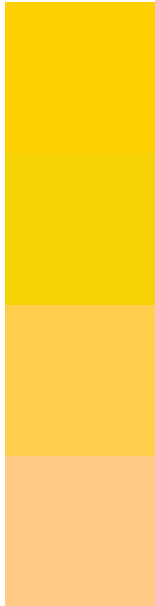
210.1460, 57.4060, -16.1460



Tritanopia

216.2970, 30.4410, 15.5050

Trichromacy



Original Color

198.1560, 93.8630, -54.6250

Protanomaly

197.9100, 85.7480, -56.2360

Deuteranomaly

205.8310, 70.9340, -30.0420

Tritanomaly

209.9810, 53.7370, -10.2230

Monochromacy



Original Color

198.1560, 93.8630, -54.6250

Achromatopsia

198.0000, -0.0000, 0.0000

Achromatomaly

198.1200, 33.9320, -20.2440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.1560, 93.8630, -54.6250 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(254, 208, 1)` looks like.

```
.text, #text, p{  
    color:rgb(254, 208, 1)  
}
```

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(254, 208, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 208, 1) }
```

Border

The CSS property to change the border of an element to YIQ 198.1560, 93.8630, -54.6250 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(254, 208, 1) }
```


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

```
.border{ border-color:rgb(254, 208, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 208, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 208, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 208, 1);  
box-shadow:4px 4px 4px 4px rgb(254, 208,  
1) }
```

Background

The CSS property to change the background color of an element to YIQ 198.1560, 93.8630, -54.6250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 208, 1) }
```

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

```
.background{ background-color: rgb(254,  
208, 1) }
```

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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