

Converting Colors

YIQ(194.7640, 89.0950,
-56.3210)

Have a look what the booklet for
YIQ(194.7640, 89.0950, -56.3210)
contains.

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Color

**YIQ(194.7640, 89.0950,
-56.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	F5CF00
RGB	245, 207, 0
RGB Percent	96%, 81%, 0%
CMY	0.0393, 0.1883, 0.9994
CMYK	0.00, 0.16, 1.00, 0.04
HSL	51°, 100%, 48%
HSV	51°, 100%, 96%
XYZ	59.9623, 64.0286, 9.2022
YIQ	194.7640, 89.0950, -56.3210

Conversions

Conversions Part 2

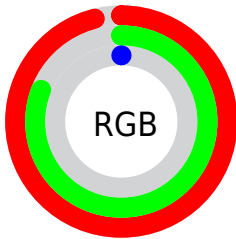
Format	Color
RYB	45, 245, 0
Decimal	16109312
CIELab	83.98, -2.12, 84.61
CIELCh	84, 84.638, 91.437
Yxy	64.0286, 0.4502, 0.4807
Android (android.graphics.Color)	4294299392 (0xFFFF5CF00)
YUV	194.7640, -96.0187, 44.0570
Hunter-Lab	80.0179, -6.2703, 49.1941

Details

The YIQ color **194.7640, 89.0950, -56.3210** 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 **50.2360, -89.0950, 56.3210**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.8480, 53.9280, -52.2480**, and **144.8270, 67.5890, -41.0110** is the 20% darker color. If you saturate the color by 10%, you get **194.7640, 89.0950, -56.3210**, and if you desaturate by 10%, it is **199.9620, 79.9700, -50.6380**.

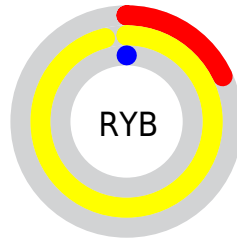
Distribution



Red (96%)

Green (81%)

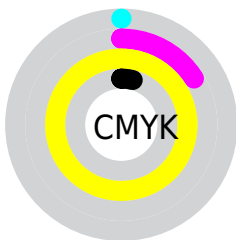
Blue (0%)



Red (18%)

Yellow (96%)

Blue (0%)

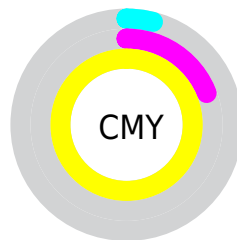


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (19%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 194.7640, 89.0950, -56.3210 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 194.7640, 89.0950, -56.3210 by changing the saturation by 10% instead.

■ 194.7640, 89.0950,
-56.3210

■ 194.7640, 89.0950,
-56.3210

■ 255.0000, -0.0000,
-0.0000

■ 169.6460, 78.0440,
-48.7720

■ 235.8480, 53.9280,
-52.2480

■ 144.8270, 67.5890,
-41.0110

■ 239.2680, 44.2980,
-42.9180

■ 121.1820, 56.5840,
-34.2960

■ 242.5740, 34.9890,
-33.8990

■ 97.5370, 45.5790,
-27.5810

■ 245.8800, 25.6800,
-24.8800

■ 75.0770, 35.4910,
-20.9650

■ 249.3000, 16.0500,
-15.5500

■ 53.7910, 24.8530,
-15.3950

■ 252.6060, 6.7410,

■ 33.9890, 15.7280,

-6.5310

-9.7120

■ 13.5890, 5.4110,
-4.4530

■ 0.0000, 0.0000,
0.0000

■ 194.7640, 89.0950,
-56.3210

■ 199.9620, 79.9700,
-50.6380

■ 205.0460, 71.1660,
-45.2660

■ 209.6570, 62.3160,
-39.0600

■ 214.7410, 53.5120,
-33.6880

■ 219.9390, 44.3870,
-28.0050

■ 225.0230, 35.5830,
-22.6330

■ 230.2210, 26.4580,
-16.9500

■ 234.7180, 17.9290,
-11.0550

■ 239.9160, 8.8040,
-5.3720

Harmonies

Analogous

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



186.7390, 83.3570, -18.3950



194.7640, 89.0950, -56.3210



189.7290, 17.1140, -67.8940

Triad

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



194.7640, 89.0950, -56.3210



173.4720, -149.5050, -49.3530



193.3650, 28.8750, 54.9150

Complementary

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



194.7640, 89.0950, -56.3210



50.2360, -89.0950, 56.3210

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.



201.9390, -6.0570, 27.1830



194.7640, 89.0950, -56.3210



168.1890, -147.0300, -44.6460

Square

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



194.7640, 89.0950, -56.3210



168.4560, -135.3810, -63.0370



157.0360, -141.8050, -34.7090



175.7940, 49.4160, 51.5920

Rectangle

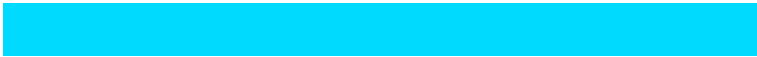
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



194.7640, 89.0950, -56.3210



177.4610, -46.6610, -73.9970



157.0360, -141.8050, -34.7090



200.4090, 25.5750, 48.6390

Sweetspot

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



194.7640, 89.0950, -56.3210



239.2920, 27.6960, -17.3600



77.9290, 132.8590, 64.6910



118.0600, 16.9660, -10.1220



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.



194.7640, 89.0950, -56.3210



202.4500, 92.8550, -58.3850



192.5520, 29.7730, -93.5790



120.0450, 4.1270, -3.2090



147.7730, 67.6810, -42.6790



46.9910, 21.4140, -13.6420

Inverse Universe

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



50.2360, -89.0950, 56.3210



52.5500, -92.8550, 58.3850



52.4480, -29.7730, 93.5790



112.5420, -4.4020, 2.6860



38.2270, -67.6810, 42.6790



12.0090, -21.4140, 13.6420

Previews

White Background



This preview shows how the YIQ color 194.7640, 89.0950, -56.3210 looks on a white background.

Color Contrast Check

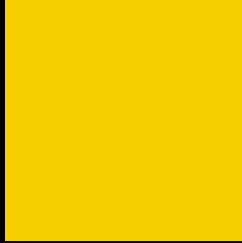
Large Text (above 18pt) WCAG AA × Fail

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 194.7640, 89.0950, -56.3210 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 194.7640, 89.0950, -56.3210

Background



This preview shows how black text looks on a background with the YIQ color 194.7640, 89.0950, -56.3210.



This preview shows how white text looks on a background with the YIQ color 194.7640, 89.0950, -56.3210.

-56.3210.

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

194.7640, 89.0950, -56.3210

Protanopia

194.7460, 80.3380, -57.3100

Deuteranopia

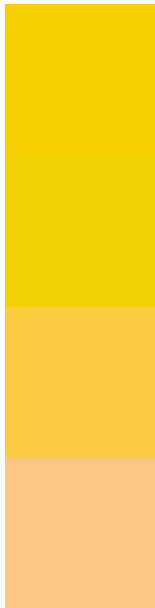
205.8600, 63.9630, -19.3410



Tritanopia

213.1340, 32.4580, 17.4980

Trichromacy



Original Color

194.7640, 89.0950, -56.3210

Protanomaly

194.7140, 83.3640, -57.0840

Deuteranomaly

201.6200, 72.9060, -32.7420

Tritanomaly

206.3230, 52.7740, -9.2900

Monochromacy



Original Color

194.7640, 89.0950, -56.3210

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

194.6360, 32.4190, -20.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 194.7640, 89.0950, -56.3210 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(245, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(245, 207, 0)  
}
```

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(245, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 207, 0) }
```

Border

The CSS property to change the border of an element to YIQ 194.7640, 89.0950, -56.3210 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(245, 207, 0) }
```


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

```
.border{ border-color:rgb(245, 207, 0) }
```

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

Here you see how a box with a 4 pixel rgb(245, 207, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 207, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 207, 0);  
box-shadow:4px 4px 4px 4px rgb(245, 207,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 194.7640, 89.0950, -56.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 207, 0) }
```

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

```
.background{ background-color: rgb(245,  
207, 0) }
```

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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