

Converting Colors

YIQ(199.9570, 78.3660,
-54.6100)

Have a look what the booklet for
YIQ(199.9570, 78.3660, -54.6100)
contains.

YIQ(199.9570, 78.3660, -54.6100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(199.9570, 78.3660,
-54.6100)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D614
RGB	241, 214, 20
RGB Percent	95%, 84%, 8%
CMY	0.0550, 0.1608, 0.9210
CMYK	0.00, 0.11, 0.92, 0.05
HSL	53°, 89%, 51%
HSV	53°, 92%, 95%
XYZ	60.4416, 66.8363, 10.3824
YIQ	199.9570, 78.3660, -54.6100

Conversions

Conversions Part 2

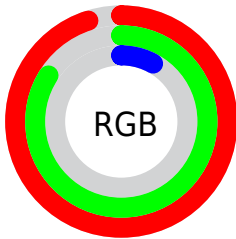
Format	Color
RYB	51, 241, 20
Decimal	15848980
CIELab	85.42, -7.19, 83.49
CIELCh	85, 83.802, 94.924
Yxy	66.8363, 0.4391, 0.4855
Android (android.graphics.Color)	4294039060 (0xFFFF1D614)
YUV	199.9570, -88.7188, 35.9947
Hunter-Lab	81.7535, -11.1008, 49.6978

Details

The YIQ color **199.9570, 78.3660, -54.6100** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **61.0430, -78.3660, 54.6100**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6460, 51.6810, -50.0710**, and **147.7400, 63.2800, -45.5200** is the 20% darker color. If you saturate the color by 10%, you get **196.5030, 85.3360, -59.7840**, and if you desaturate by 10%, it is **204.4540, 69.8370, -48.7150**.

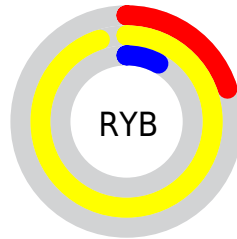
Distribution



Red (95%)

Green (84%)

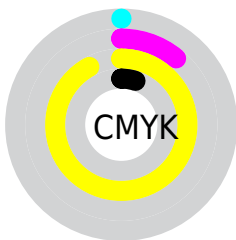
Blue (8%)



Red (20%)

Yellow (95%)

Blue (8%)

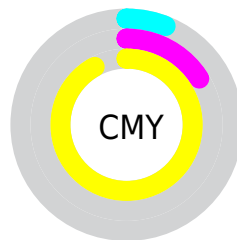


Cyan (0%)

Magenta (11%)

Yellow (92%)

Black (5%)



Cyan (6%)

Magenta (16%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.9570, 78.3660, -54.6100 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 199.9570, 78.3660, -54.6100 by changing the saturation by 10% instead.

199.9570, 78.3660,
-54.6100

199.9570, 78.3660,
-54.6100

255.0000, -0.0000,
-0.0000

172.5590, 73.7350,
-53.2810

236.6460, 51.6810,
-50.0710

147.7400, 63.2800,
-45.5200

239.9520, 42.3720,
-41.0520

123.5080, 52.5500,
-38.2820

243.2580, 33.0630,
-32.0330

100.1620, 42.1410,
-31.3550

246.6780, 23.4330,
-22.7030

77.7020, 32.0530,
-24.7390

249.9840, 14.1240,
-13.6840

56.1280, 22.2860,
-18.4340

253.4040, 4.4940,

36.0270, 12.5650,

-4.3540

-12.9630

■ 15.9150, 1.3770,
-8.4390

■ 0.0000, 0.0000,
0.0000

■ 199.9570, 78.3660,
-54.6100

■ 199.9570, 78.3660,
-54.6100

■ 196.5030, 85.3360,
-59.7840

■ 204.4540, 69.8370,
-48.7150

■ 208.9510, 61.3080,
-42.8200

■ 213.4480, 52.7790,
-36.9250

■ 218.0590, 43.9290,
-30.7190

■ 222.5560, 35.4000,
-24.8240

■ 227.0530, 26.8710,
-18.9290

■ 231.5500, 18.3420,
-13.0340

■ 236.0470, 9.8130,
-7.1390

■ 240.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



191.3210, 81.4780, -22.8900



199.9570, 78.3660, -54.6100



192.5800, 7.3480, -67.1160

Triad

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



199.9570, 78.3660, -54.6100



175.2330, -150.3300, -50.9220



193.9520, 28.6000, 54.3920

Complementary

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



199.9570, 78.3660, -54.6100



61.0430, -78.3660, 54.6100

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.



208.2070, 4.9920, 30.6880



199.9570, 78.3660, -54.6100



169.3630, -147.5800, -45.6920

Square

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



199.9570, 78.3660, -54.6100



172.9870, -141.2500, -61.2980



157.6230, -142.0800, -35.2320



178.7460, 49.3710, 46.8990

Rectangle

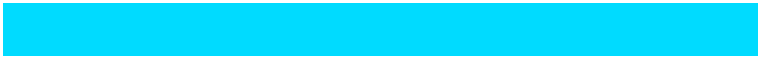
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.9570, 78.3660, -54.6100



178.1050, -60.2780, -75.0140



157.6230, -142.0800, -35.2320



200.4090, 25.5750, 48.6390

Sweetspot

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



199.9570, 78.3660, -54.6100



242.4380, 24.3490, -17.2750



89.4990, 122.0860, 56.1820



120.3910, 14.5360, -10.1360



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.



199.9570, 78.3660, -54.6100



207.7330, 90.3800, -63.0920



191.5870, 22.6650, -85.9030



117.4580, 4.4020, -2.6860



149.5230, 65.3890, -45.1950



45.5070, 19.9010, -13.7550

Inverse Universe

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



61.0430, -78.3660, 54.6100



47.2670, -90.3800, 63.0920



69.4130, -22.6650, 85.9030



109.9550, -4.1270, 3.2090



33.8900, -65.1140, 45.7180



10.4930, -19.9010, 13.7550

Previews

White Background



This preview shows how the YIQ color 199.9570, 78.3660, -54.6100 looks on a white background.

Color Contrast Check

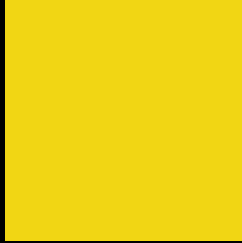
Large Text (above 18pt) WCAG AA × Fail

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 199.9570, 78.3660, -54.6100 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 199.9570, 78.3660, -54.6100

Background



This preview shows how black text looks on a background with the YIQ color 199.9570, 78.3660, -54.6100.



This preview shows how white text looks on a background with the YIQ color 199.9570, 78.3660, -54.6100.

-54.6100.

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

199.9570, 78.3660, -54.6100

Protanopia

199.9570, 78.3660, -54.6100

Deuteranopia

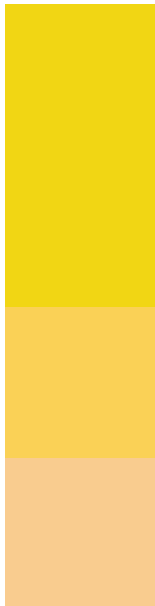
211.1890, 55.8470, -15.4250



Tritanopia

216.8560, 27.3690, 16.1130

Trichromacy



Original Color

199.9570, 78.3660, -54.6100

Protanomaly

199.9570, 78.3660, -54.6100

Deuteranomaly

207.2370, 63.9190, -29.5610

Tritanomaly

210.5010, 46.4010, -9.4310

Monochromacy



Original Color

199.9570, 78.3660, -54.6100

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.0100, 28.4300, -19.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9570, 78.3660, -54.6100 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(241, 214, 20)` looks like.

```
.text, #text, p{  
    color:rgb(241, 214, 20)  
}
```

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(241, 214, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 214, 20) }
```

Border

The CSS property to change the border of an element to YIQ 199.9570, 78.3660, -54.6100 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(241, 214, 20) }
```


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

```
.border{ border-color:rgb(241, 214, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 214, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 214, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 214, 20);  
box-shadow:4px 4px 4px 4px rgb(241, 214,  
20) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9570, 78.3660, -54.6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 214, 20) }
```

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

```
.background{ background-color: rgb(241,  
214, 20) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor