

Converting Colors

YIQ(199.7920, 91.8920,
-57.4520)

Have a look what the booklet for
YIQ(199.7920, 91.8920, -57.4520)
contains.

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Color

**YIQ(199.7920, 91.8920,
-57.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD400
RGB	252, 212, 0
RGB Percent	99%, 83%, 0%
CMY	0.0118, 0.1687, 0.9994
CMYK	0.00, 0.16, 1.00, 0.01
HSL	50°, 100%, 49%
HSV	50°, 100%, 99%
XYZ	63.6814, 67.7723, 9.7289
YIQ	199.7920, 91.8920, -57.4520

Conversions

Conversions Part 2

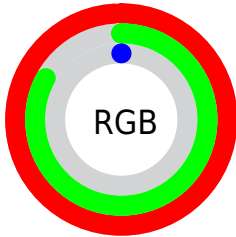
Format	Color
R_{YB}	48, 252, 0
Decimal	16569344
CIE _{Lab}	85.89, -1.67, 86.26
CIE _{LCh}	86, 86.281, 91.112
Yxy	67.7723, 0.4511, 0.4800
Android (android.graphics.Color)	4294759424 (0xFFFC400)
YUV	199.7920, -98.4975, 45.7864
Hunter-Lab	82.3239, -5.9888, 50.6200

Details

The YIQ color **199.7920, 91.8920, -57.4520** 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 **52.2080, -91.8920, 57.4520**, and the grayscale version is **201.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **235.9620, 53.6070, -51.9370**, and **149.5560, 69.7900, -42.3540** is the 20% darker color. If you saturate the color by 10%, you get **199.7920, 91.8920, -57.4520**, and if you desaturate by 10%, it is **204.9900, 82.7670, -51.7690**.

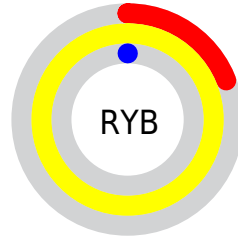
Distribution



Red (99%)

Green (83%)

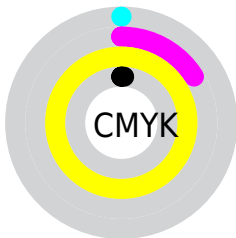
Blue (0%)



Red (19%)

Yellow (99%)

Blue (0%)

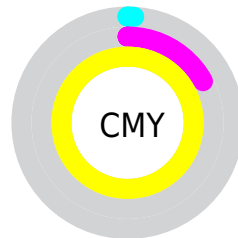


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.7920, 91.8920, -57.4520 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 199.7920, 91.8920, -57.4520 by changing the saturation by 10% instead.

199.7920, 91.8920,
-57.4520

199.7920, 91.8920,
-57.4520

255.0000, -0.0000,
-0.0000

174.6740, 80.8410,
-49.9030

235.9620, 53.6070,
-51.9370

149.5560, 69.7900,
-42.3540

239.3820, 43.9770,
-42.6070

125.3240, 59.0600,
-35.1160

242.8020, 34.3470,
-33.2770

101.9780, 48.6510,
-28.1890

246.1080, 25.0380,
-24.2580

79.2190, 37.9670,
-21.7850

249.4140, 15.7290,
-15.2390

57.9330, 27.3290,
-16.2150

252.8340, 6.0990,

37.2450, 17.8830,

-5.9090

-10.2210

■ 18.0300, 8.4830,
-5.0610

■ 0.0000, 0.0000,
0.0000

■ 199.7920, 91.8920,
-57.4520

■ 204.9900, 82.7670,
-51.7690

■ 210.3020, 73.3210,
-45.7750

■ 215.5000, 64.1960,
-40.0920

■ 220.6980, 55.0710,
-34.4090

■ 225.8960, 45.9460,
-28.7260

■ 231.0940, 36.8210,
-23.0430

■ 236.4060, 27.3750,
-17.0490

■ 241.6040, 18.2500,
-11.3660

■ 246.8020, 9.1250,
-5.6830

Harmonies

Analogous

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



189.3150, 81.6150, -19.8650



199.7920, 91.8920, -57.4520



194.5720, 18.9940, -68.9260

Triad

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



199.7920, 91.8920, -57.4520



176.9940, -151.1550, -52.4910



195.7130, 27.7750, 52.8230

Complementary

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



199.7920, 91.8920, -57.4520



52.2080, -91.8920, 57.4520

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.



206.6570, -5.3230, 24.8930



199.7920, 91.8920, -57.4520



171.7110, -148.6800, -47.7840

Square

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



199.7920, 91.8920, -57.4520



173.0210, -138.5900, -65.4540



159.9710, -143.1800, -37.3240



178.2390, 46.6650, 51.8890

Rectangle

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



199.7920, 91.8920, -57.4520



182.4070, -46.5690, -75.6650



159.9710, -143.1800, -37.3240



202.7570, 24.4750, 46.5470

Sweetspot

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



199.7920, 91.8920, -57.4520



239.2920, 27.6960, -17.3600



80.1360, 136.7100, 66.4860



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.



199.7920, 91.8920, -57.4520



201.8630, 93.1300, -57.8620



198.1560, 30.8280, -96.1800



122.3440, 4.7230, -2.9970



149.8440, 68.9190, -43.0890



48.1760, 22.3310, -13.7410

Inverse Universe

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



52.2080, -91.8920, 57.4520



53.1370, -93.1300, 57.8620



53.8440, -30.8280, 96.1800



114.6560, -4.7230, 2.9970



39.1560, -68.9190, 43.0890



12.8240, -22.3310, 13.7410

Previews

White Background



This preview shows how the YIQ color 199.7920, 91.8920, -57.4520 looks on a white background.

Color Contrast Check

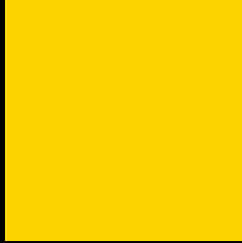
Large Text (above 18pt) WCAG AA × Fail

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 199.7920, 91.8920, -57.4520 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 199.7920, 91.8920, -57.4520

Background



This preview shows how black text looks on a background with the YIQ color 199.7920, 91.8920, -57.4520.



This preview shows how white text looks on a background with the YIQ color 199.7920, 91.8920, -57.4520.

-57.4520.

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

199.7920, 91.8920, -57.4520

Protanopia

200.3610, 82.8600, -58.9640

Deuteranopia

212.4600, 53.6460, -14.0820



Tritanopia

218.5140, 28.3320, 15.1800

Trichromacy



Original Color

199.7920, 91.8920, -57.4520

Protanomaly

200.3290, 85.8860, -58.7380

Deuteranomaly

207.9770, 67.5870, -29.9570

Tritanomaly

211.7850, 51.3530, -11.0710

Monochromacy



Original Color

199.7920, 91.8920, -57.4520

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.7070, 33.6570, -20.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.7920, 91.8920, -57.4520 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, 212, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 212, 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(252, 212, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 212, 0) }
```

Border

The CSS property to change the border of an element to YIQ 199.7920, 91.8920, -57.4520 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, 212, 0) }
```


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

```
.border{ border-color:rgb(252, 212, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 212, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 212, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 212, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 212,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 199.7920, 91.8920, -57.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 212, 0) }
```

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

```
.background{ background-color: rgb(252,  
212, 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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