

Converting Colors

YIQ(207.9700, 85.5190,
-57.5930)

Have a look what the booklet for
YIQ(207.9700, 85.5190, -57.5930)
contains.

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Color

**YIQ(207.9700, 85.5190,
-57.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	FEDE0F
RGB	254, 222, 15
RGB Percent	100%, 87%, 6%
CMY	0.0040, 0.1294, 0.9406
CMYK	0.00, 0.13, 0.94, 0.00
HSL	52°, 99%, 53%
HSV	52°, 94%, 100%
XYZ	67.0728, 73.3383, 11.0773
YIQ	207.9700, 85.5190, -57.5930

Conversions

Conversions Part 2

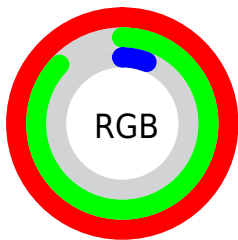
Format	Color
R_{YB}	52, 254, 15
Decimal	16702991
CIE _{Lab}	88.61, -5.75, 86.99
CIE _{LCh}	89, 87.184, 93.782
Yxy	73.3383, 0.4428, 0.4841
Android (android.graphics.Color)	4294893071 (0xFFFEDE0F)
YUV	207.9700, -95.1342, 40.3683
Hunter-Lab	85.6378, -10.0621, 52.2772

Details

The YIQ color **207.9700, 85.5190, -57.5930** 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 **61.0300, -85.5190, 57.5930**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.6460, 51.6810, -50.0710**, and **155.4370, 68.5070, -46.6370** is the 20% darker color. If you saturate the color by 10%, you get **205.0860, 90.8840, -61.2120**, and if you desaturate by 10%, it is **212.6950, 76.3480, -51.0760**.

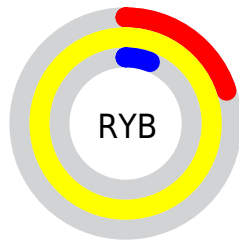
Distribution



Red (100%)

Green (87%)

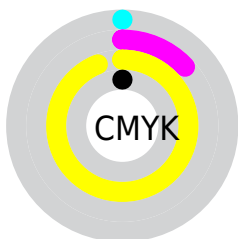
Blue (6%)



Red (20%)

Yellow (100%)

Blue (6%)

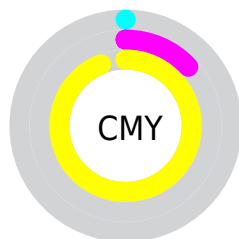


Cyan (0%)

Magenta (13%)

Yellow (94%)

Black (0%)



Cyan (0%)


Magenta (13%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 207.9700, 85.5190, -57.5930 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 207.9700, 85.5190, -57.5930 by changing the saturation by 10% instead.


 207.9700, 85.5190,
-57.5930


 207.9700, 85.5190,
-57.5930


255.0000, -0.0000,
-0.0000


 180.5550, 79.5580,
-54.1860

 236.6460, 51.6810,
-50.0710


 155.4370, 68.5070,
-46.6370


 240.0660, 42.0510,
-40.7410


 131.2050, 57.7770,
-39.3990


 243.3720, 32.7420,
-31.7220

 107.8590, 47.3680,
-32.4720

 246.7920, 23.1120,
-22.3920

 85.1000, 36.6840,
-26.0680

 250.0980, 13.8030,
-13.3730

 63.2270, 26.3210,
-19.9750

 253.5180, 4.1730,

 42.5390, 16.8750,

-4.0430

-13.9810

■ 23.0360, 8.3460,
-8.0860

■ 0.0000, 0.0000,
0.0000

■ 207.9700, 85.5190,
-57.5930

■ 207.9700, 85.5190,
-57.5930

■ 205.0860, 90.8840,
-61.2120

■ 212.6950, 76.3480,
-51.0760

■ 217.8930, 67.2230,
-45.3930

■ 222.5040, 58.3730,
-39.1870

■ 227.8160, 48.9270,
-33.1930

■ 232.4270, 40.0770,
-26.9870

■ 237.1520, 30.9060,
-20.4700

■ 242.3500, 21.7810,
-14.7870

■ 246.9610, 12.9310,
-8.5810

■ 252.2730, 3.4850,
-2.5870

Harmonies

Analogous

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



195.7720, 78.5900, -25.6180



207.9700, 85.5190, -57.5930



201.3260, 10.8790, -70.5370

Triad

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



207.9700, 85.5190, -57.5930



178.7550, -151.9800, -54.0600



198.0610, 26.6750, 50.7310

Complementary

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



207.9700, 85.5190, -57.5930



61.0300, -85.5190, 57.5930

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.



214.9850, 5.4970, 27.0410



207.9700, 85.5190, -57.5930



175.8200, -150.6050, -51.4450

Square

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



207.9700, 85.5190, -57.5930



176.0190, -144.2760, -61.5240



163.4930, -144.8300, -40.4620



182.3480, 44.7400, 48.2280

Rectangle

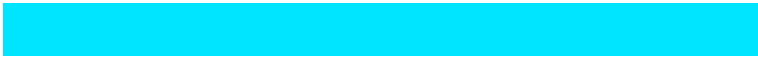
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



207.9700, 85.5190, -57.5930



186.7800, -57.9850, -78.0250



163.4930, -144.8300, -40.4620



205.1050, 23.3750, 44.4550

Sweetspot

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



207.9700, 85.5190, -57.5930



241.0360, 25.5410, -16.8510



90.5650, 130.8880, 61.8640



119.4620, 15.7740, -10.5460



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.



207.9700, 85.5190, -57.5930



205.9720, 91.2050, -61.5230



201.6380, 26.6550, -92.1370



125.3440, 4.7230, -2.9970



154.5510, 68.1860, -46.3260



51.4210, 23.0190, -15.1970

Inverse Universe

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



61.0300, -85.5190, 57.5930



49.0280, -91.2050, 61.5230



67.3620, -26.6550, 92.1370



117.0690, -4.4480, 3.5200



37.0360, -68.4610, 45.8030



12.5790, -23.0190, 15.1970

Previews

White Background



This preview shows how the YIQ color 207.9700, 85.5190, -57.5930 looks on a white background.

Color Contrast Check

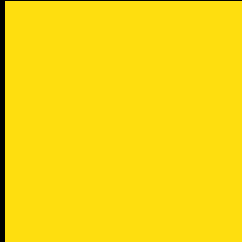
Large Text (above 18pt) WCAG AA × Fail

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 207.9700, 85.5190, -57.5930 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 207.9700, 85.5190, -57.5930

Background



This preview shows how black text looks on a background with the YIQ color 207.9700, 85.5190, -57.5930.



This preview shows how white text looks on a background with the YIQ color 207.9700, 85.5190,

-57.5930.

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

207.9700, 85.5190, -57.5930

Protanopia

207.7740, 83.1350, -58.4410

Deuteranopia

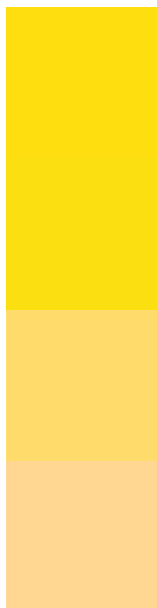
221.8640, 40.9450, -9.6710



Tritanopia

225.4100, 22.6930, 12.7490

Trichromacy



Original Color

207.9700, 85.5190, -57.5930

Protanomaly

208.0730, 83.7310, -58.2290

Deuteranomaly

216.9960, 57.4080, -27.2000

Tritanomaly

219.2080, 45.6680, -12.6680

Monochromacy



Original Color

207.9700, 85.5190, -57.5930

Achromatopsia

208.0000, -0.0000, -0.0000

Achromatomaly

208.0380, 31.2270, -20.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 207.9700, 85.5190, -57.5930 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, 222, 15)` looks like.

```
.text, #text, p{  
    color:rgb(254, 222, 15)  
}
```

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, 222, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 222, 15) }
```

Border

The CSS property to change the border of an element to YIQ 207.9700, 85.5190, -57.5930 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, 222, 15) }
```


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

```
.border{ border-color:rgb(254, 222, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 222, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 222, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 222, 15);  
box-shadow:4px 4px 4px 4px rgb(254, 222,  
15) }
```

Background

The CSS property to change the background color of an element to YIQ 207.9700, 85.5190, -57.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 222, 15) }
```

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

```
.background{ background-color: rgb(254,  
222, 15) }
```

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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