

Converting Colors

YIQ(209.3120, 84.5560,
-56.6600)

Have a look what the booklet for
YIQ(209.3120, 84.5560, -56.6600)
contains.

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Color

**YIQ(209.3120, 84.5560,
-56.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDF13
RGB	255, 223, 19
RGB Percent	100%, 87%, 7%
CMY	0.0001, 0.1255, 0.9249
CMYK	0.00, 0.13, 0.92, 0.00
HSL	52°, 100%, 54%
HSV	52°, 92%, 100%
XYZ	67.7378, 74.0729, 11.3491
YIQ	209.3120, 84.5560, -56.6600

Conversions

Conversions Part 2

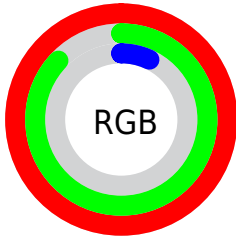
Format	Color
R_{YB}	56, 255, 19
Decimal	16768787
CIE _{Lab}	88.96, -5.78, 86.84
CIE _{LCh}	89, 87.029, 93.811
Yxy	74.0729, 0.4423, 0.4836
Android (android.graphics.Color)	4294958867 (0xFFFFDF13)
YUV	209.3120, -93.8238, 40.0684
Hunter-Lab	86.0656, -10.1266, 52.4276

Details

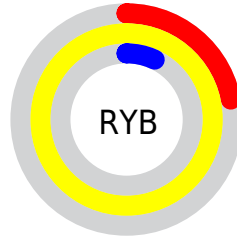
The YIQ color **209.3120, 84.5560, -56.6600** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **64.6880, -84.5560, 56.6600**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.7600, 51.3600, -49.7600**, and **156.3230, 68.8280, -46.9480** is the 20% darker color. If you saturate the color by 10%, you get **205.3850, 91.4800, -61.0000**, and if you desaturate by 10%, it is **214.0370, 75.3850, -50.1430**.

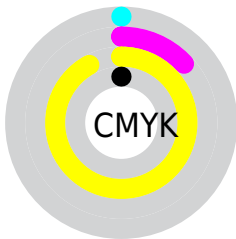
Distribution



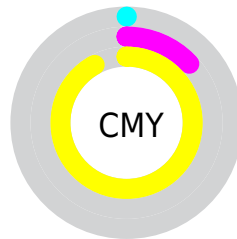
- Red (100%)
- Green (87%)
- Blue (7%)



- Red (22%)
- Yellow (100%)
- Blue (7%)



- Cyan (0%)
- Magenta (13%)
- Yellow (92%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.3120, 84.5560, -56.6600 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 209.3120, 84.5560, -56.6600 by changing the saturation by 10% instead.

 209.3120, 84.5560,
-56.6600


 209.3120, 84.5560,
-56.6600


255.0000, -0.0000,
-0.0000


 181.4410, 79.8790,
-54.4970

 236.7600, 51.3600,
-49.7600


 156.3230, 68.8280,
-46.9480


 240.1800, 41.7300,
-40.4300


 132.0910, 58.0980,
-39.7100


 243.6000, 32.1000,
-31.1000

 108.7450, 47.6890,
-32.7830

 246.9060, 22.7910,
-22.0810

 85.9860, 37.0050,
-26.3790

 250.3260, 13.1610,
-12.7510

 63.5260, 26.9170,
-19.7630

 253.7460, 3.5310,

 42.8380, 17.4710,

-3.4210

-13.7690

■ 23.9220, 8.6670,
-8.3970

■ 0.0000, 0.0000,
0.0000

■ 209.3120, 84.5560,
-56.6600

■ 209.3120, 84.5560,
-56.6600

■ 205.3850, 91.4800,
-61.0000

■ 214.0370, 75.3850,
-50.1430

■ 219.2350, 66.2600,
-44.4600

■ 223.9600, 57.0890,
-37.9430

■ 229.1580, 47.9640,
-32.2600

■ 233.8830, 38.7930,
-25.7430

■ 239.0810, 29.6680,
-20.0600

■ 243.8060, 20.4970,
-13.5430

■ 249.0040, 11.3720,
-7.8600

■ 253.7290, 2.2010,
-1.3430

Harmonies

Analogous

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



196.5870, 77.6730, -25.5190



209.3120, 84.5560, -56.6600



202.3260, 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.



209.3120, 84.5560, -56.6600



178.7550, -151.9800, -54.0600



199.2350, 26.1250, 49.6850

Complementary

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



209.3120, 84.5560, -56.6600



64.6880, -84.5560, 56.6600

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.



215.8710, 5.8180, 26.7300



209.3120, 84.5560, -56.6600



176.4070, -150.8800, -51.9680

Square

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



209.3120, 84.5560, -56.6600



176.1330, -144.5970, -61.2130



164.0800, -145.1050, -40.9850



183.6360, 43.8690, 47.4930

Rectangle

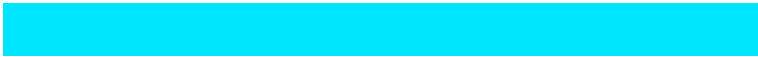
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



209.3120, 84.5560, -56.6600



187.7800, -57.9850, -78.0250



164.0800, -145.1050, -40.9850



205.6920, 23.1000, 43.9320

Sweetspot

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



209.3120, 84.5560, -56.6600



241.0360, 25.5410, -16.8510



93.6680, 129.1000, 61.2280



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.



209.3120, 84.5560, -56.6600



205.3850, 91.4800, -61.0000



203.2790, 26.2880, -90.9920



125.3440, 4.7230, -2.9970



153.9640, 68.4610, -45.8030



51.4210, 23.0190, -15.1970

Inverse Universe

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



64.6880, -84.5560, 56.6600



49.6150, -91.4800, 61.0000



70.7210, -26.2880, 90.9920



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 209.3120, 84.5560, -56.6600 looks on a white background.

Color Contrast Check

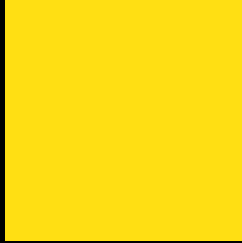
Large Text (above 18pt) WCAG AA × Fail

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 209.3120, 84.5560, -56.6600 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 209.3120, 84.5560, -56.6600

Background



This preview shows how black text looks on a background with the YIQ color 209.3120, 84.5560, -56.6600.



This preview shows how white text looks on a background with the YIQ color 209.3120, 84.5560,

-56.6600.

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

209.3120, 84.5560, -56.6600

Protanopia

209.1160, 82.1720, -57.5080

Deuteranopia

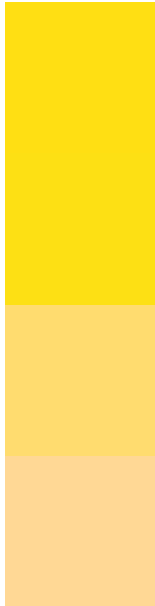
222.9070, 39.3860, -8.9500



Tritanopia

226.1110, 22.0970, 12.5370

Trichromacy



Original Color

209.3120, 84.5560, -56.6600

Protanomaly

209.4150, 82.7680, -57.2960

Deuteranomaly

218.0390, 55.8490, -26.4790

Tritanomaly

220.0230, 44.7510, -12.5690

Monochromacy



Original Color

209.3120, 84.5560, -56.6600

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1520, 30.9060, -20.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.3120, 84.5560, -56.6600 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(255, 223, 19)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 19)  
}
```

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(255, 223, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 19) }
```

Border

The CSS property to change the border of an element to YIQ 209.3120, 84.5560, -56.6600 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(255, 223, 19) }
```


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

```
.border{ border-color:rgb(255, 223, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 19);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
19) }
```

Background

The CSS property to change the background color of an element to YIQ 209.3120, 84.5560, -56.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 19) }
```

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

```
.background{ background-color: rgb(255,  
223, 19) }
```

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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