

Converting Colors

YIQ(209.2310, 18.2160,
-76.8560)

Have a look what the booklet for
YIQ(209.2310, 18.2160, -76.8560)
contains.

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Color

**YIQ(209.2310, 18.2160,
-76.8560)**

Conversions

Conversions Part 1

Format	Color
Hex	B3FE3A
RGB	179, 254, 58
RGB Percent	70%, 100%, 23%
CMY	0.2983, 0.0038, 0.7723
CMYK	0.30, 0.00, 0.77, 0.00
HSL	83°, 99%, 61%
HSV	83°, 77%, 100%
XYZ	54.7895, 80.7839, 16.7158
YIQ	209.2310, 18.2160, -76.8560

Conversions

Conversions Part 2

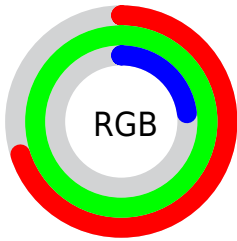
Format	Color
R_{YB}	58, 254, 133
Decimal	11796026
CIE _{Lab}	92.04, -49.55, 79.18
CIE _{LCh}	92, 93.401, 122.037
Yxy	80.7839, 0.3598, 0.5305
Android (android.graphics.Color)	4289986106 (0xFFB3FE3A)
YUV	209.2310, -74.5569, -26.5126
Hunter-Lab	89.8799, -48.4787, 51.8892

Details

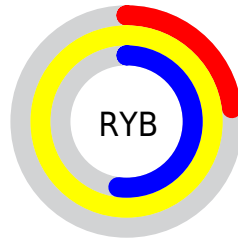
The YIQ color **209.2310, 18.2160, -76.8560** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **102.7690, -18.2160, 76.8560**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.8260, 33.7990, -45.3770**, and **151.5190, 17.3450, -77.5910** is the 20% darker color. If you saturate the color by 10%, you get **203.3910, 20.2810, -86.7510**, and if you desaturate by 10%, it is **215.0710, 16.1510, -66.9610**.

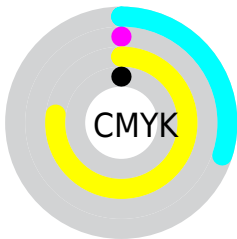
Distribution



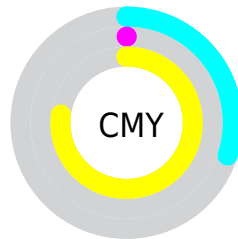
- Red (70%)
- Green (100%)
- Blue (23%)



- Red (23%)
- Yellow (100%)
- Blue (52%)



- Cyan (30%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)





- Cyan (30%)
- Magenta (0%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.2310, 18.2160, -76.8560 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 209.2310, 18.2160, -76.8560 by changing the saturation by 10% instead.


 209.2310, 18.2160,
-76.8560


 209.2310, 18.2160,
-76.8560


255.0000, -0.0000,
-0.0000


 177.8800, 23.3980,
-82.6660


 234.8260, 33.7990,
-45.3770


 151.5190, 17.3450,
-77.5910


 242.9160, 34.0260,
-32.9660


 126.1130, 7.1650,
-69.3070


 246.2220, 24.7170,
-23.9470

 100.6960, -4.4820,
-61.9700

 249.6420, 15.0870,
-14.6170

 73.7730, -20.5760,
-56.6400

 253.0620, 5.4570,
-5.2870

 53.4170, -25.0250,
-47.5930

 38.7420, -18.1500,

-34.5180

■ 26.4150, -12.3750,
-23.5350

■ 8.2180, -3.8500,
-7.3220

■ 209.2310, 18.2160,
-76.8560

■ 209.2310, 18.2160,
-76.8560

■ 203.3910, 20.2810,
-86.7510

■ 215.0710, 16.1510,
-66.9610

■ 197.4370, 22.6670,
-96.9570

■ 220.7260, 13.1690,
-56.9670

■ 196.0410, 23.7220,
-99.5580

■ 226.5660, 11.1040,
-47.0720

■ 232.5200, 8.7180,
-36.8660

■ 238.3600, 6.6530,
-26.9710

■ 243.9010, 3.9920,
-17.2880

■ 249.8550, 1.6060,
-7.0820

254.4130, 0.2750,
0.5230

Harmonies

Analogous

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



211.2550, 88.7300, -66.2300



209.2310, 18.2160, -76.8560



165.9870, -116.0280, -88.8920

Triad

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



209.2310, 18.2160, -76.8560



178.7550, -151.9800, -54.0600



184.6450, 39.6500, 52.3700

Complementary

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



209.2310, 18.2160, -76.8560



102.7690, -18.2160, 76.8560

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.



201.5830, 25.0250, 47.5930



209.2310, 18.2160, -76.8560



170.5370, -148.1300, -46.7380

Square

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



209.2310, 18.2160, -76.8560



178.7550, -151.9800, -54.0600



220.5670, 3.6180, 22.5460



184.5920, 63.2230, 16.1110

Rectangle

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



209.2310, 18.2160, -76.8560



172.9410, -135.6090, -69.9210



220.5670, 3.6180, 22.5460



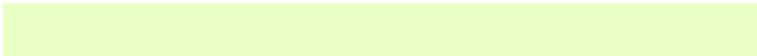
189.8430, 30.5250, 58.0530

Sweetspot

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



209.2310, 18.2160, -76.8560



241.6960, 5.8270, -23.0130



158.8680, 97.0160, 3.8960



119.7100, 3.2120, -14.1640



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.



209.2310, 18.2160, -76.8560



200.7730, 21.8410, -92.9990



180.8260, -38.4040, -96.9960



125.0230, 1.1930, -5.1030



147.3990, 17.8030, -74.8770



49.2290, 5.6440, -25.2040

Inverse Universe

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



102.7690, -18.2160, 76.8560



72.2270, -21.8410, 92.9990



131.1740, 38.4040, 96.9960



117.9770, -1.1930, 5.1030



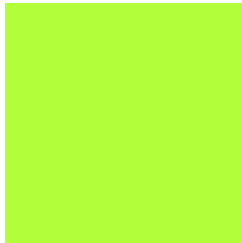
43.6010, -17.8030, 74.8770



14.4720, -6.2400, 24.9920

Previews

White Background



This preview shows how the YIQ color 209.2310, 18.2160, -76.8560 looks on a white background.

Color Contrast Check

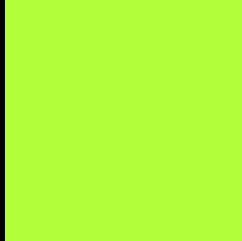
Large Text (above 18pt) WCAG AA × Fail

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 209.2310, 18.2160, -76.8560 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 209.2310, 18.2160, -76.8560

Background



This preview shows how black text looks on a background with the YIQ color 209.2310, 18.2160, -76.8560.



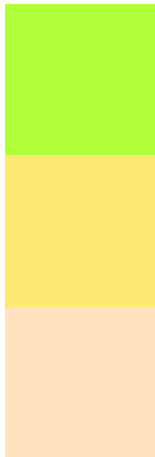
This preview shows how white text looks on a background with the YIQ color 209.2310, 18.2160,

-76.8560.

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

209.2310, 18.2160, -76.8560

Protanopia

225.3110, 51.9070, -32.1330

Deuteranopia

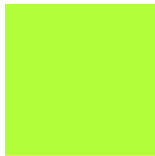
231.1540, 28.5650, -5.5710



Tritanopia

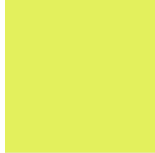
228.8860, -26.0420, -1.6100

Trichromacy



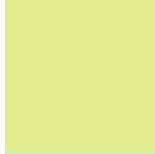
Original Color

209.2310, 18.2160, -76.8560



Protanomaly

219.3550, 39.4390, -48.4730



Deuteranomaly

223.1800, 24.5350, -31.6650



Tritanomaly

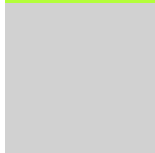
221.5090, -9.9440, -29.0480

Monochromacy



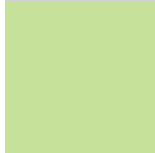
Original Color

209.2310, 18.2160, -76.8560



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

208.8330, 6.6990, -27.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2310, 18.2160, -76.8560 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(179, 254, 58)` looks like.

```
.text, #text, p{  
    color:rgb(179, 254, 58)  
}
```

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(179, 254, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 254, 58) }
```

Border

The CSS property to change the border of an element to YIQ 209.2310, 18.2160, -76.8560 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(179, 254, 58) }
```


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

```
.border{ border-color:rgb(179, 254, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 254, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 254, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 254, 58);  
box-shadow:4px 4px 4px 4px rgb(179, 254,  
58) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2310, 18.2160, -76.8560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 254, 58) }
```

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

```
.background{ background-color: rgb(179,  
254, 58) }
```

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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