

Converting Colors

YIQ(195.4580, 19.3150,
-69.2370)

Have a look what the booklet for
YIQ(195.4580, 19.3150, -69.2370)
contains.

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Color

**YIQ(195.4580, 19.3150,
-69.2370)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEB38
RGB	171, 235, 56
RGB Percent	67%, 92%, 22%
CMY	0.3297, 0.0783, 0.7801
CMYK	0.27, 0.00, 0.76, 0.08
HSL	81°, 82%, 57%
HSV	81°, 76%, 92%
XYZ	47.2110, 68.3682, 14.4565
YIQ	195.4580, 19.3150, -69.2370

Conversions

Conversions Part 2

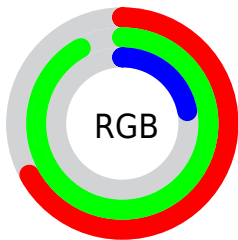
Format	Color
RYB	56, 235, 120
Decimal	11266872
CIELab	86.19, -44.50, 74.16
CIELCh	86, 86.484, 120.964
Yxy	68.3682, 0.3631, 0.5258
Android (android.graphics.Color)	4289456952 (0xFFABEB38)
YUV	195.4580, -68.7528, -21.4497
Hunter-Lab	82.6851, -42.7801, 47.5134

Details

The YIQ color **195.4580, 19.3150, -69.2370** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **95.5420, -19.3150, 69.2370**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6790, 29.7190, -48.5290**, and **138.8600, 18.1230, -69.6610** is the 20% darker color. If you saturate the color by 10%, you get **190.4440, 21.9300, -78.0860**, and if you desaturate by 10%, it is **200.5860, 16.3790, -60.0770**.

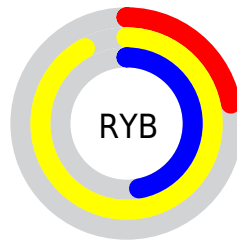
Distribution



Red (67%)

Green (92%)

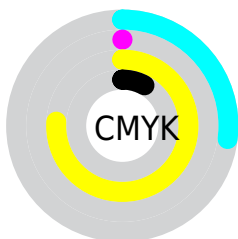
Blue (22%)



Red (22%)

Yellow (92%)

Blue (47%)

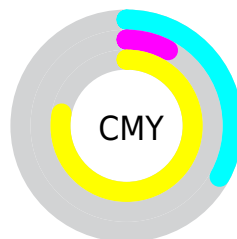


Cyan (27%)

Magenta (0%)

Yellow (76%)

Black (8%)



Cyan (33%)

Magenta (8%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.4580, 19.3150, -69.2370 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 195.4580, 19.3150, -69.2370 by changing the saturation by 10% instead.

■ 195.4580, 19.3150,
-69.2370

■ 195.4580, 19.3150,
-69.2370

■ 255.0000, -0.0000,
-0.0000

■ 165.4490, 23.5340,
-74.1140

■ 231.6790, 29.7190,
-48.5290

■ 138.8600, 18.1230,
-69.6610

■ 242.4600, 35.3100,
-34.2100

■ 114.3400, 8.2640,
-61.6880

■ 245.7660, 26.0010,
-25.1910

■ 90.1080, -2.4660,
-54.4500

■ 249.0720, 16.6920,
-16.1720

■ 63.1850, -18.5600,
-49.1200

■ 252.3780, 7.3830,
-7.1530

■ 44.0250, -20.6250,
-39.2250

■ 30.5240, -14.3000,

-27.1960

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 195.4580, 19.3150,
-69.2370

■ 195.4580, 19.3150,
-69.2370

■ 190.4440, 21.9300,
-78.0860

■ 200.5860, 16.3790,
-60.0770

■ 185.0170, 24.2700,
-87.4580

■ 205.8990, 14.3600,
-51.0160

■ 183.0940, 25.3710,
-90.8930

■ 211.0270, 11.4240,
-41.8560

■ 216.3400, 9.4050,
-32.7950

■ 221.4680, 6.4690,
-23.6350

■ 226.4820, 3.8540,
-14.7860

■ 231.9090, 1.5140,
-5.4140

■ 236.9230, -1.1010,
3.4350

■ 240.8680, 0.7320,
8.7640

Harmonies

Analogous

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



200.7920, 91.8920, -57.4520



195.4580, 19.3150, -69.2370



160.6240, -110.5720, -88.6520

Triad

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



195.4580, 19.3150, -69.2370



172.2980, -148.9550, -48.3070



178.9400, 46.0690, 51.6770

Complementary

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



195.4580, 19.3150, -69.2370



95.5420, -19.3150, 69.2370

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.



196.3000, 27.5000, 52.3000



195.4580, 19.3150, -69.2370



160.5580, -143.4550, -37.8470

Square

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



195.4580, 19.3150, -69.2370



177.5810, -151.4300, -53.0140



207.2440, -5.5980, 24.3700



178.0380, 67.8990, 19.4750

Rectangle

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



195.4580, 19.3150, -69.2370



169.2420, -129.3270, -73.6390



207.2440, -5.5980, 24.3700



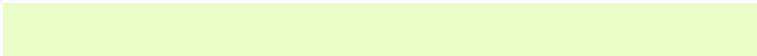
184.4800, 35.9810, 58.2930

Sweetspot

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



195.4580, 19.3150, -69.2370



241.9950, 6.4230, -22.8010



146.5020, 89.3590, 4.9990



120.0090, 3.8080, -13.9520



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.



195.4580, 19.3150, -69.2370



203.7350, 25.0040, -89.7480



169.1460, -33.1330, -87.8930



114.5500, 1.1470, -4.2690



140.9310, 19.3610, -70.0710



41.8640, 5.4140, -21.0340

Inverse Universe

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



95.5420, -19.3150, 69.2370



74.2650, -25.0040, 89.7480



121.8540, 33.1330, 87.8930



108.4500, -1.1470, 4.2690



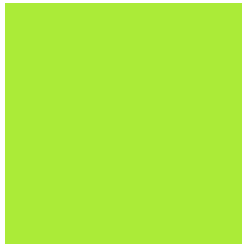
40.0690, -19.3610, 70.0710



11.8370, -6.0100, 20.8220

Previews

White Background



This preview shows how the YIQ color 195.4580, 19.3150, -69.2370 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 195.4580, 19.3150, -69.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

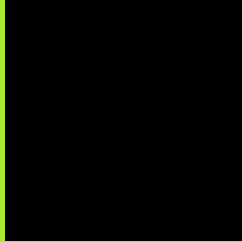
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 195.4580, 19.3150, -69.2370

Background



This preview shows how black text looks on a background with the YIQ color 195.4580, 19.3150, -69.2370.



This preview shows how white text looks on a background with the YIQ color 195.4580, 19.3150,

-69.2370.

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

195.4580, 19.3150, -69.2370

Protanopia

204.0780, 68.1400, -45.4920

Deuteranopia

212.8020, 52.6830, -13.1490



Tritanopia

212.9790, -21.8700, -0.1260

Trichromacy



Original Color

195.4580, 19.3150, -69.2370

Protanomaly

200.9400, 50.6730, -53.8310

Deuteranomaly

206.2110, 40.4450, -33.6590

Tritanomaly

206.5850, -7.1020, -25.4860

Monochromacy



Original Color

195.4580, 19.3150, -69.2370

Achromatopsia

195.0000, -0.0000, 0.0000

Achromatomaly

195.3000, 6.8820, -25.6140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.4580, 19.3150, -69.2370 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(171, 235, 56)` looks like.

```
.text, #text, p{  
    color:rgb(171, 235, 56)  
}
```

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(171, 235, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 235, 56) }
```

Border

The CSS property to change the border of an element to YIQ 195.4580, 19.3150, -69.2370 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(171, 235, 56) }
```


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

```
.border{ border-color:rgb(171, 235, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 235, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 235, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 235, 56);  
box-shadow:4px 4px 4px 4px rgb(171, 235,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 195.4580, 19.3150, -69.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 235, 56) }
```

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

```
.background{ background-color: rgb(171,  
235, 56) }
```

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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