

Converting Colors

YIQ(195.9620, 52.4660,
-80.8300)

Have a look what the booklet for
YIQ(195.9620, 52.4660, -80.8300)
contains.

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Color

**YIQ(195.9620, 52.4660,
-80.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EA00
RGB	196, 234, 0
RGB Percent	77%, 92%, 0%
CMY	0.2316, 0.0823, 0.9995
CMYK	0.16, 0.00, 1.00, 0.08
HSL	70°, 100%, 46%
HSV	70°, 100%, 92%
XYZ	52.1770, 70.5823, 10.8766
YIQ	195.9620, 52.4660, -80.8300

Conversions

Conversions Part 2

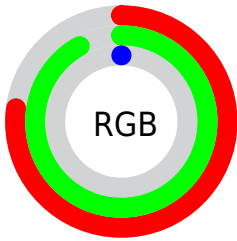
Format	Color
RYB	0, 234, 38
Decimal	12904960
CIELab	87.28, -35.78, 85.27
CIELCh	87, 92.475, 112.761
Yxy	70.5823, 0.3904, 0.5282
Android (android.graphics.Color)	4291095040 (0xFFC4EA00)
YUV	195.9620, -96.6093, 0.0333
Hunter-Lab	84.0133, -36.1645, 51.1334

Details

The YIQ color **195.9620, 52.4660, -80.8300** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **38.0380, -52.4660, 80.8300**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.1900, 52.9650, -51.3150**, and **145.4490, 32.7020, -64.0500** is the 20% darker color. If you saturate the color by 10%, you get **195.9620, 52.4660, -80.8300**, and if you desaturate by 10%, it is **199.8940, 47.1460, -72.5180**.

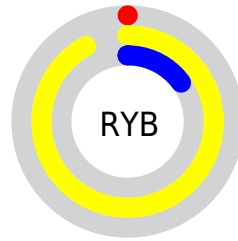
Distribution



Red (77%)

Green (92%)

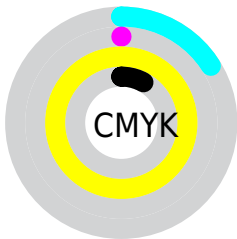
Blue (0%)



Red (0%)

Yellow (92%)

Blue (15%)

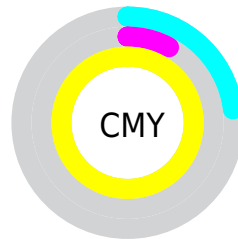


Cyan (16%)

Magenta (0%)

Yellow (100%)

Black (8%)



Cyan (23%)

Magenta (8%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9620, 52.4660, -80.8300 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 195.9620, 52.4660, -80.8300 by changing the saturation by 10% instead.

■ 195.9620, 52.4660,
-80.8300

■ 195.9620, 52.4660,
-80.8300

■ 255.0000, -0.0000,
-0.0000

■ 170.5560, 42.2860,
-72.5460

■ 236.1900, 52.9650,
-51.3150

■ 145.4490, 32.7020,
-64.0500

■ 239.7240, 43.0140,
-41.6740

■ 120.9290, 22.8430,
-56.0770

■ 243.1440, 33.3840,
-32.3440

■ 96.9960, 12.7090,
-48.6270

■ 246.4500, 24.0750,
-23.3250

■ 73.3510, 1.7040,
-41.9120

■ 249.8700, 14.4450,
-13.9950

■ 49.0970, -11.9600,
-36.5680

■ 253.2900, 4.8150,

■ 31.1110, -14.5750,

-4.6650

-27.7190

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 195.9620, 52.4660,
-80.8300

■ 199.8940, 47.1460,
-72.5180

■ 203.7120, 42.1470,
-64.5170

■ 207.2310, 36.5520,
-56.7280

■ 211.1630, 31.2320,
-48.4160

■ 214.9810, 26.2330,
-40.4150

■ 218.9130, 20.9130,
-32.1030

■ 222.7310, 15.9140,
-24.1020

■ 226.2500, 10.3190,
-16.3130

■ 230.1820, 4.9990,
-8.0010

Harmonies

Analogous

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



197.7540, 95.0550, -54.2010



195.9620, 52.4660, -80.8300



178.6390, -62.2020, -84.2020

Triad

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



195.9620, 52.4660, -80.8300



177.5810, -151.4300, -53.0140



180.3710, 37.9060, 61.9540

Complementary

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



195.9620, 52.4660, -80.8300



38.0380, -52.4660, 80.8300

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.



200.9960, 25.3000, 48.1160



195.9620, 52.4660, -80.8300



167.0150, -146.4800, -43.6000

Square

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



195.9620, 52.4660, -80.8300



178.7550, -151.9800, -54.0600



201.1320, -35.1220, 8.7660



173.2740, 64.7790, 31.9710

Rectangle

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



195.9620, 52.4660, -80.8300



168.2670, -122.4480, -82.6720



201.1320, -35.1220, 8.7660



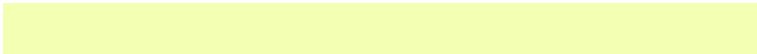
186.3210, 32.1750, 61.1910

Sweetspot

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



195.9620, 52.4660, -80.8300



242.7480, 17.2440, -26.1800



90.5110, 129.8390, 31.3030



120.3640, 9.9980, -16.0020



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.



195.9620, 52.4660, -80.8300



213.3720, 56.8230, -88.2090



161.8760, -15.4780, -104.9980



115.1480, 2.3390, -3.8450



151.6950, 40.8170, -62.4390



45.1530, 11.9700, -18.7020

Inverse Universe

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



38.0380, -52.4660, 80.8300



41.6280, -56.8230, 88.2090



72.1240, 15.4780, 104.9980



107.5530, -2.9350, 3.6330



29.3050, -40.8170, 62.4390



8.8470, -11.9700, 18.7020

Previews

White Background



This preview shows how the YIQ color 195.9620, 52.4660, -80.8300 looks on a white background.

Color Contrast Check

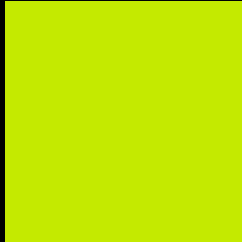
Large Text (above 18pt) WCAG AA × Fail

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 195.9620, 52.4660, -80.8300 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 195.9620, 52.4660, -80.8300

Background



This preview shows how black text looks on a background with the YIQ color 195.9620, 52.4660, -80.8300.



This preview shows how white text looks on a background with the YIQ color 195.9620, 52.4660, -80.8300.

-80.8300.

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

195.9620, 52.4660, -80.8300

Protanopia

202.1070, 86.3910, -62.3850

Deuteranopia

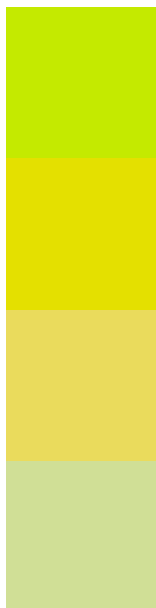
216.5180, 47.7310, -11.5090



Tritanopia

218.4540, -6.9700, 5.1740

Trichromacy



Original Color

195.9620, 52.4660, -80.8300

Protanomaly

199.6600, 74.2880, -68.8160

Deuteranomaly

209.0070, 49.7070, -36.3170

Tritanomaly

210.1930, 14.4930, -25.8830

Monochromacy



Original Color

195.9620, 52.4660, -80.8300

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

196.1240, 18.9410, -29.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9620, 52.4660, -80.8300 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(196, 234, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 234, 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(196, 234, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 234, 0) }
```

Border

The CSS property to change the border of an element to YIQ 195.9620, 52.4660, -80.8300 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(196, 234, 0) }
```


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

```
.border{ border-color:rgb(196, 234, 0) }
```

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

Here you see how a box with a 4 pixel rgb(196, 234, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 234, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 234, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 234,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9620, 52.4660, -80.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 234, 0) }
```

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

```
.background{ background-color: rgb(196,  
234, 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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