

Converting Colors

YIQ(193.3150, 52.9700,
-78.9500)

Have a look what the booklet for
YIQ(193.3150, 52.9700, -78.9500)
contains.

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Color

**YIQ(193.3150, 52.9700,
-78.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E600
RGB	195, 230, 0
RGB Percent	76%, 90%, 0%
CMY	0.2355, 0.0980, 0.9995
CMYK	0.15, 0.00, 1.00, 0.10
HSL	69°, 100%, 45%
HSV	69°, 100%, 90%
XYZ	50.7920, 68.1961, 10.4890
YIQ	193.3150, 52.9700, -78.9500

Conversions

Conversions Part 2

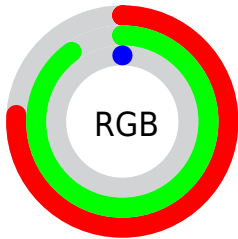
Format	Color
RYB	0, 230, 35
Decimal	12838400
CIELab	86.10, -34.36, 84.36
CIELCh	86, 91.088, 112.160
Yxy	68.1961, 0.3923, 0.5267
Android (android.graphics.Color)	4291028480 (0xFFC3E600)
YUV	193.3150, -95.3043, 1.4777
Hunter-Lab	82.5809, -34.7288, 50.2760

Details

The YIQ color **193.3150, 52.9700, -78.9500** 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 **36.6850, -52.9700, 78.9500**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.1900, 52.9650, -51.3150**, and **142.8020, 33.2060, -62.1700** is the 20% darker color. If you saturate the color by 10%, you get **193.3150, 52.9700, -78.9500**, and if you desaturate by 10%, it is **196.8340, 47.3750, -71.1610**.

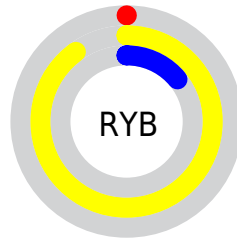
Distribution



Red (76%)

Green (90%)

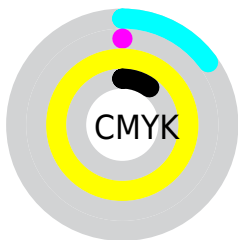
Blue (0%)



Red (0%)

Yellow (90%)

Blue (14%)

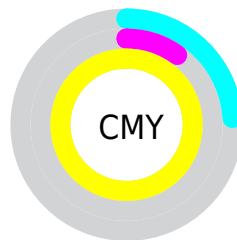


Cyan (15%)

Magenta (0%)

Yellow (100%)

Black (10%)



Cyan (24%)

Magenta (10%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.3150, 52.9700, -78.9500 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 193.3150, 52.9700, -78.9500 by changing the saturation by 10% instead.

■ 193.3150, 52.9700,
-78.9500

■ 193.3150, 52.9700,
-78.9500

■ 255.0000, -0.0000,
-0.0000

■ 167.9090, 42.7900,
-70.6660

■ 236.1900, 52.9650,
-51.3150

■ 142.8020, 33.2060,
-62.1700

■ 239.6100, 43.3350,
-41.9850

■ 118.8690, 23.0720,
-54.7200

■ 243.0300, 33.7050,
-32.6550

■ 94.9360, 12.9380,
-47.2700

■ 246.3360, 24.3960,
-23.6360

■ 71.5900, 2.5290,
-40.3430

■ 249.7560, 14.7660,
-14.3060

■ 47.3360, -11.1350,
-34.9990

■ 253.1760, 5.1360,

■ 29.3500, -13.7500,

-4.9760

-26.1500

■ 17.6100, -8.2500,
-15.6900

■ 0.0000, 0.0000,
0.0000

■ 193.3150, 52.9700,
-78.9500

■ 196.8340, 47.3750,
-71.1610

■ 200.6520, 42.3760,
-63.1600

■ 204.1710, 36.7810,
-55.3710

■ 207.9890, 31.7820,
-47.3700

■ 211.5080, 26.1870,
-39.5810

■ 215.3260, 21.1880,
-31.5800

■ 219.1440, 16.1890,
-23.5790

■ 222.6630, 10.5940,
-15.7900

■ 226.4810, 5.5950,
-7.7890

Harmonies

Analogous

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



195.4060, 96.1550, -52.1090



193.3150, 52.9700, -78.9500



177.2590, -58.0760, -81.8840

Triad

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



193.3150, 52.9700, -78.9500



175.2330, -150.3300, -50.9220



179.5560, 38.8230, 61.8550

Complementary

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



193.3150, 52.9700, -78.9500



36.6850, -52.9700, 78.9500

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.



200.4090, 25.5750, 48.6390



193.3150, 52.9700, -78.9500



165.2540, -145.6550, -42.0310

Square

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



193.3150, 52.9700, -78.9500



178.7550, -151.9800, -54.0600



197.5770, -37.8730, 9.0630



171.5130, 65.6040, 33.5400

Rectangle

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



193.3150, 52.9700, -78.9500



166.0500, -120.3390, -82.3470



197.5770, -37.8730, 9.0630



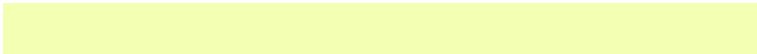
185.7340, 32.4500, 61.7140

Sweetspot

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



193.3150, 52.9700, -78.9500



242.7480, 17.2440, -26.1800



89.3150, 127.4550, 30.4550



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.



193.3150, 52.9700, -78.9500



214.2690, 58.6110, -87.5730



159.2290, -14.9740, -103.1180



113.0340, 2.6600, -4.1560



150.2220, 40.7710, -61.6050



42.7940, 11.6030, -17.5570

Inverse Universe

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



36.6850, -52.9700, 78.9500



40.7310, -58.6110, 87.5730



71.0700, 15.5700, 103.3300



104.9660, -2.6600, 4.1560



28.4790, -41.3670, 61.3930



8.2060, -11.6030, 17.5570

Previews

White Background



This preview shows how the YIQ color 193.3150, 52.9700, -78.9500 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 193.3150, 52.9700, -78.9500 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 193.3150, 52.9700, -78.9500

Background



This preview shows how black text looks on a background with the YIQ color 193.3150, 52.9700, -78.9500.



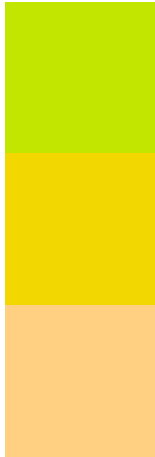
This preview shows how white text looks on a background with the YIQ color 193.3150, 52.9700, -78.9500.

-78.9500.

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

193.3150, 52.9700, -78.9500

Protanopia

198.5630, 85.1070, -61.1410

Deuteranopia

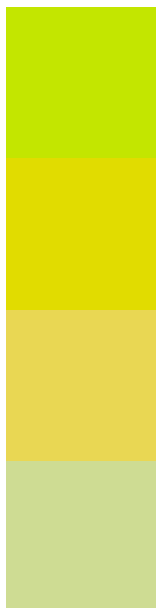
212.5740, 53.3250, -13.7710



Tritanopia

215.6390, -6.0530, 5.0750

Trichromacy



Original Color

193.3150, 52.9700, -78.9500

Protanomaly

196.4150, 73.6000, -67.3600

Deuteranomaly

205.3340, 53.1000, -37.2360

Tritanomaly

207.4920, 15.0890, -25.6710

Monochromacy



Original Color

193.3150, 52.9700, -78.9500

Achromatopsia

193.0000, -0.0000, -0.0000

Achromatomaly

192.9500, 19.4910, -28.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.3150, 52.9700, -78.9500 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(195, 230, 0)` looks like.

```
.text, #text, p{  
    color:rgb(195, 230, 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(195, 230, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 230, 0) }
```

Border

The CSS property to change the border of an element to YIQ 193.3150, 52.9700, -78.9500 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(195, 230, 0) }
```


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

```
.border{ border-color:rgb(195, 230, 0) }
```

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

Here you see how a box with a 4 pixel rgb(195, 230, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 230, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 230, 0);  
box-shadow:4px 4px 4px 4px rgb(195, 230,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 193.3150, 52.9700, -78.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 230, 0) }
```

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

```
.background{ background-color: rgb(195,  
230, 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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