

Converting Colors

YIQ(210.9520, 49.2580,
-88.7740)

Have a look what the booklet for
YIQ(210.9520, 49.2580, -88.7740)
contains.

YIQ(210.9520, 49.2580, -88.7740)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(210.9520, 49.2580,
-88.7740)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFF05
RGB	203, 255, 5
RGB Percent	80%, 100%, 2%
CMY	0.2042, 0.0000, 0.9798
CMYK	0.20, 0.00, 0.98, 0.00
HSL	73°, 100%, 51%
HSV	73°, 98%, 100%
XYZ	60.3971, 84.2177, 13.2188
YIQ	210.9520, 49.2580, -88.7740

Conversions

Conversions Part 2

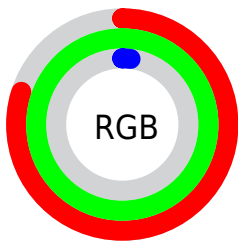
Format	Color
RYB	5, 255, 57
Decimal	13369093
CIELab	93.54, -42.31, 89.84
CIELCh	94, 99.305, 115.221
Yxy	84.2177, 0.3827, 0.5336
Android (android.graphics.Color)	4291559173 (0xFFCBBFF05)
YUV	210.9520, -101.5343, -6.9739
Hunter-Lab	91.7702, -43.1208, 55.6989

Details

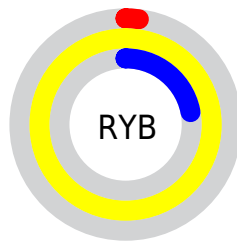
The YIQ color **210.9520, 49.2580, -88.7740** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **49.0480, -49.2580, 88.7740**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **236.8740, 51.0390, -49.4490**, and **158.9830, 30.7780, -73.2380** is the 20% darker color. If you saturate the color by 10%, you get **210.0830, 50.2670, -90.5410**, and if you desaturate by 10%, it is **215.4110, 43.8920, -79.6280**.

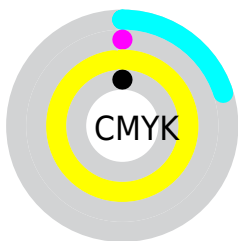
Distribution



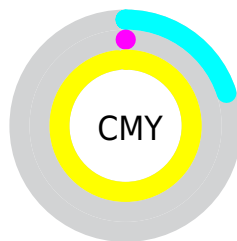
- Red (80%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (22%)



- Cyan (20%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.9520, 49.2580, -88.7740 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 210.9520, 49.2580, -88.7740 by changing the saturation by 10% instead.


 210.9520, 49.2580,
-88.7740


 210.9520, 49.2580,
-88.7740


255.0000, -0.0000,
-0.0000

 184.3890, 40.9580,
-81.5220

 236.8740, 51.0390,
-49.4490


 158.9830, 30.7780,
-73.2380


 240.4080, 41.0880,
-39.8080


 134.1640, 20.3230,
-65.4770


 243.8280, 31.4580,
-30.4780

 109.6440, 10.4640,
-57.5040

 247.2480, 21.8280,
-21.1480

 84.8140, -1.4580,
-50.6900

 250.6680, 12.1980,
-11.8180

 58.4780, -17.8270,
-45.8830

 254.2020, 2.2470,

 40.5030, -18.9750,

-2.1770

-36.0870

■ 27.0020, -12.6500,
-24.0580

■ 12.3270, -5.7750,
-10.9830

■ 210.9520, 49.2580,
-88.7740

■ 210.9520, 49.2580,
-88.7740

■ 210.0830, 50.2670,
-90.5410

■ 215.4110, 43.8920,
-79.6280

■ 220.0550, 39.4430,
-70.5810

■ 224.5140, 34.0770,
-61.4350

■ 228.8590, 29.0320,
-52.6000

■ 233.3180, 23.6660,
-43.4540

■ 237.9620, 19.2170,
-34.4070

■ 242.4210, 13.8510,
-25.2610

■ 246.7660, 8.8060,
-16.4260

■ 251.5240, 4.0360,
-7.0680

Harmonies

Analogous

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



209.4940, 89.5550, -64.6610



210.9520, 49.2580, -88.7740



173.7160, -87.4640, -88.9360

Triad

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



210.9520, 49.2580, -88.7740



178.7550, -151.9800, -54.0600



185.7340, 32.4500, 61.7140

Complementary

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



210.9520, 49.2580, -88.7740



49.0480, -49.2580, 88.7740

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.



206.2790, 22.8250, 43.4090



210.9520, 49.2580, -88.7740



177.5810, -151.4300, -53.0140

Square

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



210.9520, 49.2580, -88.7740



178.7550, -151.9800, -54.0600



217.4340, -21.4130, 8.1150



180.8880, 59.8740, 27.2500

Rectangle

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



210.9520, 49.2580, -88.7740



170.6610, -129.1890, -76.1410



217.4340, -21.4130, 8.1150



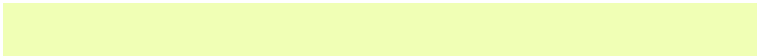
190.4300, 30.2500, 57.5300

Sweetspot

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



210.9520, 49.2580, -88.7740



242.0790, 14.8140, -26.1940



109.1000, 135.2500, 26.8500



119.8800, 8.4850, -16.1150



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.



210.9520, 49.2580, -88.7740



210.0830, 50.2670, -90.5410



174.1750, -24.0500, -114.8500



125.6210, 2.3850, -4.6790



157.2660, 37.4710, -67.8810



52.5180, 12.2000, -22.8720

Inverse Universe

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



49.0480, -49.2580, 88.7740



44.9170, -50.2670, 90.5410



85.8250, 24.0500, 114.8500



117.0800, -2.9810, 4.4670



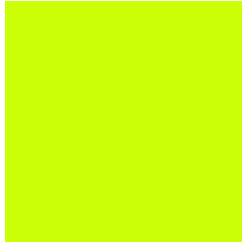
33.7340, -37.4710, 67.8810



11.1830, -12.7960, 22.6600

Previews

White Background



This preview shows how the YIQ color 210.9520, 49.2580, -88.7740 looks on a white background.

Color Contrast Check

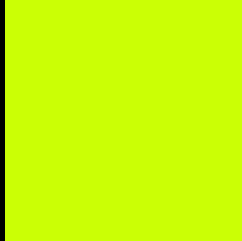
Large Text (above 18pt) WCAG AA × Fail

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 210.9520, 49.2580, -88.7740 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 210.9520, 49.2580, -88.7740

Background



This preview shows how black text looks on a background with the YIQ color 210.9520, 49.2580, -88.7740.



This preview shows how white text looks on a background with the YIQ color 210.9520, 49.2580,

-88.7740.

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

210.9520, 49.2580, -88.7740

Protanopia

231.9910, 38.6090, -22.4070

Deuteranopia

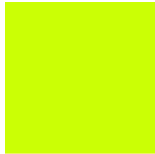
235.5710, 23.0170, -4.1430



Tritanopia

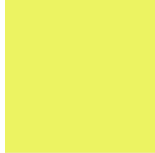
235.4640, -12.9300, 3.0540

Trichromacy



Original Color

210.9520, 49.2580, -88.7740



Protanomaly

224.3770, 42.3730, -46.5790



Deuteranomaly

226.3780, 32.6050, -34.7470



Tritanomaly

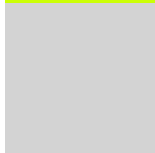
226.8070, 9.5880, -30.6040

Monochromacy



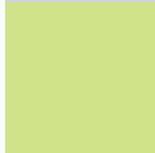
Original Color

210.9520, 49.2580, -88.7740



Achromatopsia

211.0000, 0.0000, -0.0000



Achromatomaly

210.9450, 17.8870, -32.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.9520, 49.2580, -88.7740 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(203, 255, 5)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 5)  
}
```

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(203, 255, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 5) }
```

Border

The CSS property to change the border of an element to YIQ 210.9520, 49.2580, -88.7740 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(203, 255, 5) }
```


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

```
.border{ border-color:rgb(203, 255, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 255, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 255, 5);  
box-shadow:4px 4px 4px 4px rgb(203, 255,  
5) }
```

Background

The CSS property to change the background color of an element to YIQ 210.9520, 49.2580, -88.7740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 5) }
```

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

```
.background{ background-color: rgb(203,  
255, 5) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor