

Converting Colors

YIQ(169.8910, -1.4980,
-83.0180)

Have a look what the booklet for
YIQ(169.8910, -1.4980, -83.0180)
contains.

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Color

**YIQ(169.8910, -1.4980,
-83.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	75E01E
RGB	117, 224, 30
RGB Percent	46%, 88%, 12%
CMY	0.5416, 0.1214, 0.8822
CMYK	0.48, 0.00, 0.87, 0.12
HSL	93°, 76%, 50%
HSV	93°, 87%, 88%
XYZ	34.2257, 57.2044, 10.4684
YIQ	169.8910, -1.4980, -83.0180

Conversions

Conversions Part 2

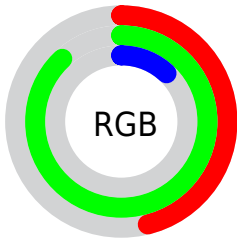
Format	Color
RYB	30, 224, 137
Decimal	7725086
CIELab	80.29, -59.34, 74.40
CIELCh	80, 95.169, 128.576
Yxy	57.2044, 0.3359, 0.5614
Android (android.graphics.Color)	4285915166 (0xFF75E01E)
YUV	169.8910, -68.9663, -46.3854
Hunter-Lab	75.6336, -51.5841, 44.7372

Details

The YIQ color **169.8910, -1.4980, -83.0180** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **84.1090, 1.4980, 83.0180**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **213.6660, 4.2300, -65.6740**, and **113.8650, -15.8040, -77.0520** is the 20% darker color. If you saturate the color by 10%, you get **163.7950, -1.5880, -92.4040**, and if you desaturate by 10%, it is **175.9870, -1.4080, -73.6320**.

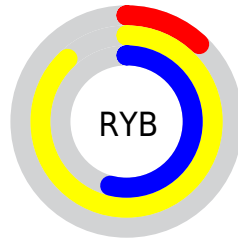
Distribution



Red (46%)

Green (88%)

Blue (12%)



Red (12%)

Yellow (88%)

Blue (54%)

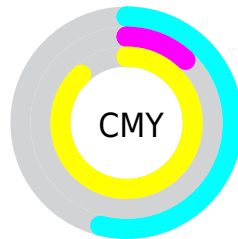


Cyan (48%)

Magenta (0%)

Yellow (87%)

Black (12%)



Cyan (54%)

Magenta (12%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.8910, -1.4980, -83.0180 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 169.8910, -1.4980, -83.0180 by changing the saturation by 10% instead.

■ 169.8910, -1.4980,
-83.0180

■ 169.8910, -1.4980,
-83.0180

■ 255.0000, -0.0000,
-0.0000

■ 140.7660, -2.6440,
-84.2760

■ 213.6660, 4.2300,
-65.6740

■ 113.5660,
-16.4000, -77.2640

■ 226.2410, 13.3970,
-50.0830

■ 82.7670, -38.7750,
-73.7430

■ 238.5170, 21.9680,
-34.7040

■ 66.9180, -31.3500,
-59.6220

■ 246.9060, 22.7910,
-22.0810

■ 52.2430, -24.4750,
-46.5470

■ 250.2120, 13.4820,
-13.0620

■ 37.5680, -17.6000,
-33.4720

■ 253.6320, 3.8520,

■ 24.0670, -11.2750,

-3.7320

-21.4430

■ 1.1740, -0.5500,
-1.0460

■ 0.0000, 0.0000,
0.0000

■ 169.8910, -1.4980,
-83.0180

■ 169.8910, -1.4980,
-83.0180

■ 163.7950, -1.5880,
-92.4040

■ 175.9870, -1.4080,
-73.6320

■ 161.3880, -2.0000,
-95.9520

■ 182.4960, -1.0430,
-63.7230

■ 188.5920, -0.9530,
-54.3370

■ 194.8020, -1.1840,
-44.6400

■ 201.1970, -0.4980,
-35.0420

■ 207.2930, -0.4080,
-25.6560

■ 213.8020, -0.0430,
-15.7470

■ 219.8980, 0.0470,
-6.3610

■ 226.1080, -0.1840,
3.3360

Harmonies

Analogous

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



184.0330, 72.0400, -61.1120



169.8910, -1.4980, -83.0180



152.7650, -106.3550, -82.4750

Triad

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



169.8910, -1.4980, -83.0180



161.7320, -144.0050, -38.8930



153.4760, 68.1670, 58.6870

Complementary

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



169.8910, -1.4980, -83.0180



84.1090, 1.4980, 83.0180

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.



173.9940, 37.9500, 72.1740



169.8910, -1.4980, -83.0180



147.6440, -137.4050, -26.3410

Square

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



169.8910, -1.4980, -83.0180



168.1890, -147.0300, -44.6460



194.1190, 11.5920, 43.2400



161.8690, 87.2480, 15.7280

Rectangle

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



169.8910, -1.4980, -83.0180



161.5940, -127.0820, -64.7620



194.1190, 11.5920, 43.2400



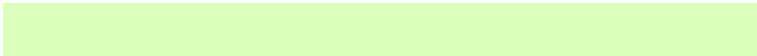
157.3690, 58.5830, 67.1830

Sweetspot

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



169.8910, -1.4980, -83.0180



236.4130, -0.8660, -28.3700



150.8150, 86.1990, -14.8330



116.8620, -0.2720, -17.1040



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.



169.8910, -1.4980, -83.0180



183.7710, -2.1810, -109.1970



145.0180, -56.5600, -98.3520



108.9520, -0.0450, -4.6930



126.9330, -1.3160, -75.3000



34.7540, -0.0880, -20.4400

Inverse Universe

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



84.1090, 1.4980, 83.0180



71.2290, 2.1810, 109.1970



108.9820, 56.5600, 98.3520



104.0480, 0.0450, 4.6930



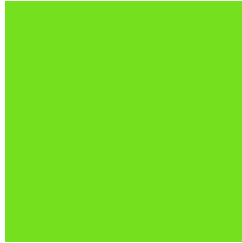
49.0670, 1.3160, 75.3000



13.5450, 0.6840, 20.6520

Previews

White Background



This preview shows how the YIQ color 169.8910, -1.4980, -83.0180 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 169.8910, -1.4980, -83.0180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

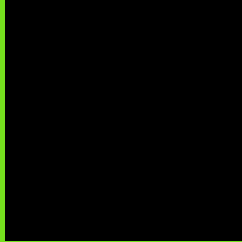
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.8910, -1.4980, -83.0180

Background



This preview shows how black text looks on a background with the YIQ color 169.8910, -1.4980, -83.0180.



This preview shows how white text looks on a background with the YIQ color 169.8910, -1.4980,

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

169.8910, -1.4980, -83.0180

Protanopia

185.4110, 71.3960, -49.4360

Deuteranopia

190.5500, 79.0950, -29.2650



Tritanopia

191.1010, -43.0050, -8.0690

Trichromacy



Original Color

169.8910, -1.4980, -83.0180



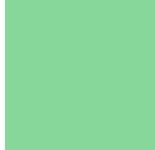
Protanomaly

179.3750, 44.7140, -61.4780



Deuteranomaly

182.9170, 49.4800, -48.7280



Tritanomaly

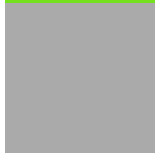
183.5390, -27.8240, -35.4080

Monochromacy



Original Color

169.8910, -1.4980, -83.0180



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

170.2450, -0.4530, -30.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.8910, -1.4980, -83.0180 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(117, 224, 30)` looks like.

```
.text, #text, p{  
    color:rgb(117, 224, 30)  
}
```

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(117, 224, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 224, 30) }
```

Border

The CSS property to change the border of an element to YIQ 169.8910, -1.4980, -83.0180 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(117, 224, 30) }
```


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

```
.border{ border-color:rgb(117, 224, 30) }
```

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

Here you see how a box with a 4 pixel rgb(117, 224, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 224, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 224, 30);  
box-shadow:4px 4px 4px 4px rgb(117, 224,  
30) }
```

Background

The CSS property to change the background color of an element to YIQ 169.8910, -1.4980, -83.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 224, 30) }
```

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

```
.background{ background-color: rgb(117,  
224, 30) }
```

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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