

Converting Colors

YIQ(176.6040, 15.9680,
-69.1520)

Have a look what the booklet for
YIQ(176.6040, 15.9680, -69.1520)
contains.

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Color

**YIQ(176.6040, 15.9680,
-69.1520)**

Conversions

Conversions Part 1

Format	Color
Hex	95D929
RGB	149, 217, 41
RGB Percent	58%, 85%, 16%
CMY	0.4160, 0.1489, 0.8390
CMYK	0.31, 0.00, 0.81, 0.15
HSL	83°, 70%, 51%
HSV	83°, 81%, 85%
XYZ	37.6030, 56.1837, 10.9651
YIQ	176.6040, 15.9680, -69.1520

Conversions

Conversions Part 2

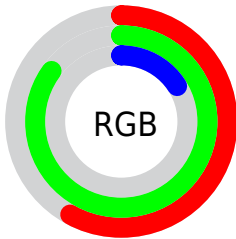
Format	Color
RYB	41, 217, 109
Decimal	9820457
CIELab	79.72, -45.52, 71.98
CIELCh	80, 85.169, 122.310
Yxy	56.1837, 0.3590, 0.5364
Android (android.graphics.Color)	4288010537 (0xFF95D929)
YUV	176.6040, -66.8528, -24.2087
Hunter-Lab	74.9558, -41.6246, 43.7956

Details

The YIQ color **176.6040, 15.9680, -69.1520** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **81.3960, -15.9680, 69.1520**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6190, 20.7800, -57.2360**, and **122.3030, 9.6860, -65.4340** is the 20% darker color. If you saturate the color by 10%, you get **171.7040, 18.2620, -77.6900**, and if you desaturate by 10%, it is **181.5040, 13.6740, -60.6140**.

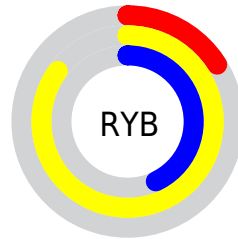
Distribution



Red (58%)

Green (85%)

Blue (16%)



Red (16%)

Yellow (85%)

Blue (43%)

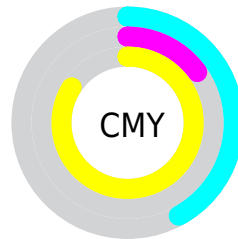


Cyan (31%)

Magenta (0%)

Yellow (81%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.6040, 15.9680, -69.1520 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 176.6040, 15.9680, -69.1520 by changing the saturation by 10% instead.

■ 176.6040, 15.9680,
-69.1520

■ 176.6040, 15.9680,
-69.1520

■ 255.0000, -0.0000,
-0.0000

■ 146.8230, 19.5450,
-73.4070

■ 223.6190, 20.7800,
-57.2360

■ 122.3030, 9.6860,
-65.4340

■ 235.4820, 29.0760,
-42.3800

■ 97.4840, -0.7690,
-57.6730

■ 244.1700, 30.4950,
-29.5450

■ 72.3550, -13.2870,
-51.0710

■ 247.4760, 21.1860,
-20.5260

■ 49.3080, -23.1000,
-43.9320

■ 250.7820, 11.8770,
-11.5070

■ 35.2200, -16.5000,
-31.3800

■ 254.2020, 2.2470,

■ 22.8930, -10.7250,

-2.1770

-20.3970

■ 0.0000, 0.0000,
0.0000

■ 176.6040, 15.9680,
-69.1520

■ 176.6040, 15.9680,
-69.1520

■ 171.7040, 18.2620,
-77.6900

■ 181.5040, 13.6740,
-60.6140

■ 167.1460, 19.5930,
-85.2950

■ 186.5890, 12.2970,
-52.1750

■ 191.4890, 10.0030,
-43.6370

■ 196.6880, 8.3050,
-34.8870

■ 201.5880, 6.0110,
-26.3490

■ 206.3740, 4.0380,
-18.1220

■ 211.5730, 2.3400,
-9.3720

■ 216.4730, 0.0460,
-0.8340

■ 221.5580, -1.3310,
7.6050

Harmonies

Analogous

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



183.8220, 83.1800, -53.7480



176.6040, 15.9680, -69.1520



147.9890, -101.1740, -82.7580

Triad

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



176.6040, 15.9680, -69.1520



161.1450, -143.7300, -38.3700



165.3930, 58.0350, 55.0830

Complementary

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



176.6040, 15.9680, -69.1520



81.3960, -15.9680, 69.1520

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.



185.1470, 32.7250, 62.2370



176.6040, 15.9680, -69.1520



149.4050, -138.2300, -27.9100

Square

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



176.6040, 15.9680, -69.1520



165.8410, -145.9300, -42.5540



192.2040, -8.1210, 31.5510



166.4800, 78.3980, 21.9340

Rectangle

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



176.6040, 15.9680, -69.1520



156.6070, -119.9290, -67.7450



192.2040, -8.1210, 31.5510



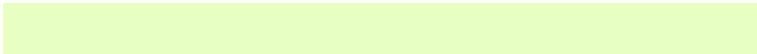
170.8190, 48.2680, 61.3880

Sweetspot

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



176.6040, 15.9680, -69.1520



240.8700, 5.2770, -24.0590



133.5400, 86.1960, 1.7480



119.2970, 2.9370, -14.6870



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.



176.6040, 15.9680, -69.1520



198.1380, 22.0710, -97.1690



150.5910, -35.8840, -87.5960



107.2510, 0.5510, -4.4810



133.2450, 15.6010, -68.0070



35.3740, 4.0380, -18.1220

Inverse Universe

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



81.3960, -15.9680, 69.1520



64.5630, -22.6670, 96.9570



107.7080, 36.4800, 87.8080



101.4500, -1.1470, 4.2690



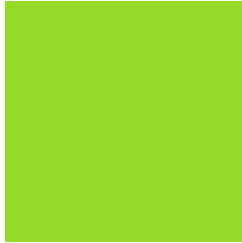
39.7550, -15.6010, 68.0070



10.6260, -4.0380, 18.1220

Previews

White Background



This preview shows how the YIQ color 176.6040, 15.9680, -69.1520 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 176.6040, 15.9680, -69.1520 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 176.6040, 15.9680, -69.1520

Background



This preview shows how black text looks on a background with the YIQ color 176.6040, 15.9680, -69.1520.



This preview shows how white text looks on a background with the YIQ color 176.6040, 15.9680,

-69.1520.

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

176.6040, 15.9680, -69.1520

Protanopia

185.8220, 65.9850, -44.9830

Deuteranopia

190.1200, 77.4900, -27.7100



Tritanopia

194.2560, -24.2080, -1.8080

Trichromacy



Original Color

176.6040, 15.9680, -69.1520

Protanomaly

182.3850, 47.9220, -53.5340

Deuteranomaly

185.1290, 54.9350, -42.9610

Tritanomaly

187.5030, -9.8070, -26.0230

Monochromacy



Original Color

176.6040, 15.9680, -69.1520

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.2290, 5.6440, -25.2040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.6040, 15.9680, -69.1520 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(149, 217, 41)` looks like.

```
.text, #text, p{  
    color:rgb(149, 217, 41)  
}
```

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(149, 217, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 217, 41) }
```

Border

The CSS property to change the border of an element to YIQ 176.6040, 15.9680, -69.1520 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(149, 217, 41) }
```


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

```
.border{ border-color:rgb(149, 217, 41) }
```

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

Here you see how a box with a 4 pixel rgb(149, 217, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 217, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 217, 41);  
box-shadow:4px 4px 4px 4px rgb(149, 217,  
41) }
```

Background

The CSS property to change the background color of an element to YIQ 176.6040, 15.9680, -69.1520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 217, 41) }
```

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

```
.background{ background-color: rgb(149,  
217, 41) }
```

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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