

Converting Colors

YIQ(156.7600, -11.6750,
-91.3150)

Have a look what the booklet for
YIQ(156.7600, -11.6750, -91.3150)
contains.

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Color

**YIQ(156.7600, -11.6750,
-91.3150)**

Conversions

Conversions Part 1

Format	Color
Hex	59DB0E
RGB	89, 219, 14
RGB Percent	35%, 86%, 5%
CMY	0.6514, 0.1409, 0.9449
CMYK	0.59, 0.00, 0.94, 0.14
HSL	98°, 88%, 46%
HSV	98°, 94%, 86%
XYZ	29.5342, 52.8414, 9.0593
YIQ	156.7600, -11.6750, -91.3150

Conversions

Conversions Part 2

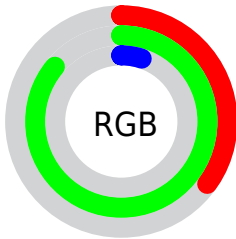
Format	Color
RYB	14, 219, 144
Decimal	5888782
CIELab	77.78, -65.57, 74.38
CIELCh	78, 99.154, 131.397
Yxy	52.8414, 0.3230, 0.5779
Android (android.graphics.Color)	4284078862 (0xFF59DB0E)
YUV	156.7600, -70.3807, -59.4255
Hunter-Lab	72.6921, -54.6880, 43.4954

Details

The YIQ color **156.7600, -11.6750, -91.3150** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **76.2400, 11.6750, 91.3150**, and the grayscale version is **157.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **205.5780, -7.5060, -73.2500**, and **95.6810, -44.8250, -85.2490** is the 20% darker color. If you saturate the color by 10%, you get **152.4730, -12.5450, -97.5770**, and if you desaturate by 10%, it is **163.4540, -10.3930, -81.5050**.

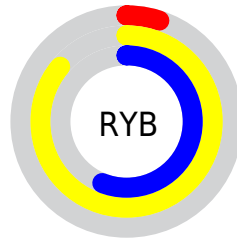
Distribution



Red (35%)

Green (86%)

Blue (5%)



Red (5%)

Yellow (86%)

Blue (56%)

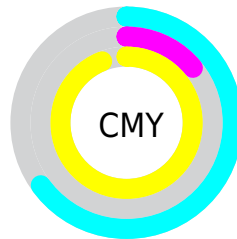


Cyan (59%)

Magenta (0%)

Yellow (94%)

Black (14%)



Cyan (65%)

Magenta (14%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 156.7600, -11.6750, -91.3150 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 156.7600, -11.6750, -91.3150 by changing the saturation by 10% instead.

■ 156.7600,
-11.6750, -91.3150

■ 156.7600,
-11.6750, -91.3150

■ 255.0000, -0.0000,
-0.0000

■ 127.3660,
-22.1290, -89.0810

■ 205.5780, -7.5060,
-73.2500

■ 95.6810, -44.8250,
-85.2490

■ 217.8540, 1.0650,
-57.8710

■ 79.8320, -37.4000,
-71.1280

■ 230.4290, 10.2320,
-42.2800

■ 63.9830, -29.9750,
-57.0070

■ 243.0040, 19.3990,
-26.6890

■ 48.7210, -22.8250,
-43.4090

■ 249.3000, 16.0500,
-15.5500

■ 34.6330, -16.2250,
-30.8570

■ 252.7200, 6.4200,

■ 19.9580, -9.3500,

-6.2200

-17.7820

■ 0.0000, 0.0000,
0.0000

■ 156.7600,
-11.6750, -91.3150

■ 156.7600,
-11.6750, -91.3150

■ 152.4730,
-12.5450, -97.5770

■ 163.4540,
-10.3930, -81.5050

■ 170.1480, -9.1110,
-71.6950

■ 176.8420, -7.8290,
-61.8850

■ 183.5360, -6.5470,
-52.0750

■ 189.9310, -5.8610,
-42.4770

■ 196.5110, -4.2580,
-32.9780

■ 203.2050, -2.9760,
-23.1680

■ 209.8990, -1.6940,
-13.3580

■ 216.5930, -0.4120,
-3.5480

Harmonies

Analogous

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



176.3140, 63.8790, -61.8890



156.7600, -11.6750, -91.3150



149.1290, -104.3840, -79.6480

Triad

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



156.7600, -11.6750, -91.3150



157.0360, -141.8050, -34.7090



140.9720, 78.5740, 62.8140

Complementary

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



156.7600, -11.6750, -91.3150



76.2400, 11.6750, 91.3150

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.



162.6130, 43.8170, 81.4890



156.7600, -11.6750, -91.3150



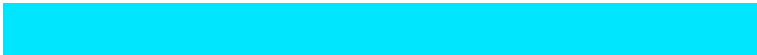
141.7740, -134.6550, -21.1110

Square

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



156.7600, -11.6750, -91.3150



164.0800, -145.1050, -40.9850



187.3960, 18.4220, 51.6220



155.0070, 95.5470, 14.0030

Rectangle

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



156.7600, -11.6750, -91.3150



158.3000, -126.0740, -61.0020



187.3960, 18.4220, 51.6220



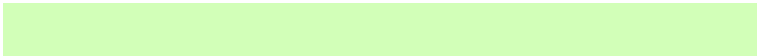
143.3320, 69.1730, 73.5010

Sweetspot

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



156.7600, -11.6750, -91.3150



233.4510, -4.0290, -31.6210



151.6050, 86.4300, -24.5300



114.6120, -2.5640, -19.6200



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.



156.7600, -11.6750, -91.3150



177.4920, -14.6970, -113.6490



137.4130, -65.0420, -98.8180



106.6530, -0.6410, -4.9050



120.3880, -10.0270, -77.1230



32.0850, -2.5180, -20.4540

Inverse Universe

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



76.2400, 11.6750, 91.3150



77.5080, 14.6970, 113.6490



95.5870, 65.0420, 98.8180



102.3470, 0.6410, 4.9050



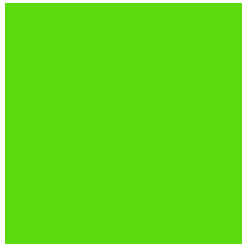
52.6120, 10.0270, 77.1230



13.9150, 2.5180, 20.4540

Previews

White Background



This preview shows how the YIQ color 156.7600, -11.6750, -91.3150 looks on a white background.

Color Contrast Check

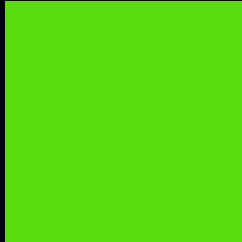
Large Text (above 18pt) WCAG AA × Fail

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 156.7600, -11.6750, -91.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

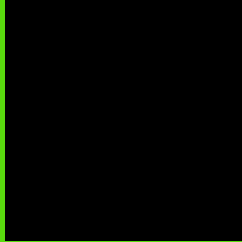
Any Text WCAG AA ✓ Pass

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 156.7600, -11.6750, -91.3150 Background



This preview shows how black text looks on a background with the YIQ color 156.7600, -11.6750, -91.3150.



This preview shows how white text looks on a background with the YIQ color 156.7600, -11.6750, -91.3150.

-91.3150.

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

156.7600, -11.6750, -91.3150

Protanopia

176.4020, 75.6150, -54.3130

Deuteranopia

183.3650, 78.1780, -29.1660



Tritanopia

181.9040, -52.8160, -11.9840

Trichromacy



Original Color

156.7600, -11.6750, -91.3150



Protanomaly

169.0880, 43.8440, -67.7400



Deuteranomaly

173.7700, 45.4000, -51.8800



Tritanomaly

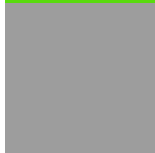
172.4020, -37.8640, -40.6800

Monochromacy



Original Color

156.7600, -11.6750, -91.3150



Achromatopsia

157.0000, 0.0000, -0.0000



Achromatomaly

157.0980, -4.5330, -33.5010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 156.7600, -11.6750, -91.3150 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(89, 219, 14)` looks like.

```
.text, #text, p{  
    color:rgb(89, 219, 14)  
}
```

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(89, 219, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 219, 14) }
```

Border

The CSS property to change the border of an element to YIQ 156.7600, -11.6750, -91.3150 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(89, 219, 14) }
```


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

```
.border{ border-color:rgb(89, 219, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 219, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 219, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 219, 14);  
box-shadow:4px 4px 4px 4px rgb(89, 219,  
14) }
```

Background

The CSS property to change the background color of an element to YIQ 156.7600, -11.6750, -91.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 219, 14) }
```

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

```
.background{ background-color: rgb(89, 219,  
14) }
```

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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