

Converting Colors

YIQ(146.1480, 8.0840, -80.4600)

Have a look what the booklet for
YIQ(146.1480, 8.0840, -80.4600)
contains.

YIQ(146.1480, 8.0840, -80.4600)	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(146.1480, 8.0840,
-80.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	68C400
RGB	104, 196, 0
RGB Percent	41%, 77%, 0%
CMY	0.5925, 0.2312, 0.9997
CMYK	0.47, 0.00, 1.00, 0.23
HSL	88°, 100%, 38%
HSV	88°, 100%, 77%
XYZ	25.4476, 42.4350, 6.8509
YIQ	146.1480, 8.0840, -80.4600

Conversions

Conversions Part 2

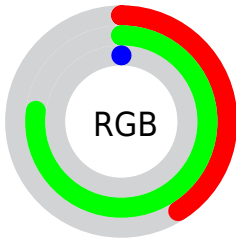
Format	Color
RYB	0, 196, 92
Decimal	6865920
CIELab	71.17, -53.47, 70.75
CIELCh	71, 88.680, 127.083
Yxy	42.4350, 0.3405, 0.5678
Android (android.graphics.Color)	4285056000 (0xFF68C400)
YUV	146.1480, -72.0510, -36.9638
Hunter-Lab	65.1422, -44.2682, 39.3641

Details

The YIQ color **146.1480, 8.0840, -80.4600** 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 **49.8520, -8.0840, 80.4600**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4820, 1.5720, -72.5720**, and **94.1290, -16.1270, -65.6870** is the 20% darker color. If you saturate the color by 10%, you get **146.1480, 8.0840, -80.4600**, and if you desaturate by 10%, it is **151.1190, 7.0280, -72.3320**.

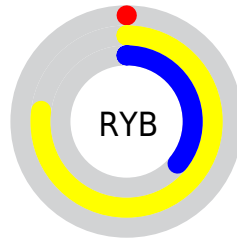
Distribution



Red (41%)

Green (77%)

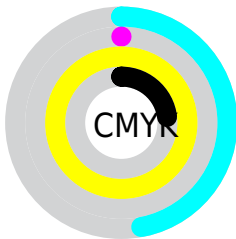
Blue (0%)



Red (0%)

Yellow (77%)

Blue (36%)

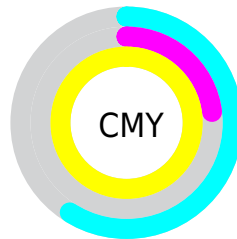


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (59%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.1480, 8.0840, -80.4600 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 146.1480, 8.0840, -80.4600 by changing the saturation by 10% instead.

■ 146.1480, 8.0840,
-80.4600

■ 146.1480, 8.0840,
-80.4600

■ 255.0000, -0.0000,
-0.0000

■ 120.4430, -2.6920,
-72.3880

■ 206.4820, 1.5720,
-72.5720

■ 94.1290, -16.1270,
-65.6870

■ 219.8180, 9.9140,
-58.5500

■ 67.5050, -31.6250,
-60.1450

■ 232.0940, 18.4850,
-43.1710

■ 52.8300, -24.7500,
-47.0700

■ 244.2560, 27.3770,
-28.1030

■ 38.1550, -17.8750,
-33.9950

■ 248.1600, 19.2600,
-18.6600

■ 25.2410, -11.8250,
-22.4890

■ 251.5800, 9.6300,

■ 4.6960, -2.2000,

-9.3300

-4.1840

254.8860, 0.3210,
-0.3110

■ 0.0000, 0.0000,
0.0000

■ 146.1480, 8.0840,
-80.4600

■ 151.1190, 7.0280,
-72.3320

■ 155.9760, 6.2930,
-64.5150

■ 161.2460, 5.8330,
-56.1750

■ 166.1030, 5.0980,
-48.3580

■ 171.0740, 4.0420,
-40.2300

■ 176.0450, 2.9860,
-32.1020

■ 180.9020, 2.2510,
-24.2850

■ 186.1720, 1.7910,
-15.9450

■ 191.1430, 0.7350,
-7.8170

Harmonies

Analogous

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



161.3070, 65.7570, -51.8670



146.1480, 8.0840, -80.4600



133.1200, -90.9970, -74.4610

Triad

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



146.1480, 8.0840, -80.4600



145.8830, -136.5800, -24.7720



140.1570, 79.4910, 62.7150

Complementary

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



146.1480, 8.0840, -80.4600



49.8520, -8.0840, 80.4600

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.



162.1910, 47.7610, 76.0890



146.1480, 8.0840, -80.4600



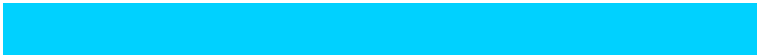
133.5560, -130.8050, -13.7890

Square

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



146.1480, 8.0840, -80.4600



151.7530, -139.3300, -30.0020



172.2130, -3.1720, 46.4920



147.7010, 96.8290, 23.8130

Rectangle

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



146.1480, 8.0840, -80.4600



141.3790, -110.1190, -58.3030



172.2130, -3.1720, 46.4920



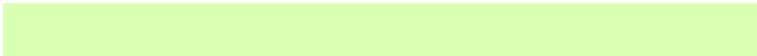
144.4090, 70.2740, 70.0660

Sweetspot

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



146.1480, 8.0840, -80.4600



235.5720, 2.9400, -31.2680



112.6080, 91.5160, -6.5640



116.1780, 1.6540, -18.9700



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.



146.1480, 8.0840, -80.4600



190.0500, 10.3350, -104.7450



117.1450, -49.7280, -101.0240



94.3650, 0.2300, -4.1700



119.9220, 6.3850, -66.1830



24.7530, 1.6530, -13.4430

Inverse Universe

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



49.8520, -8.0840, 80.4600



64.9500, -10.3350, 104.7450



79.1540, 50.3240, 101.2360



89.6350, -0.2300, 4.1700



41.0780, -6.3850, 66.1830



8.5460, -1.0570, 13.6550

Previews

White Background



This preview shows how the YIQ color 146.1480, 8.0840, -80.4600 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 146.1480, 8.0840, -80.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

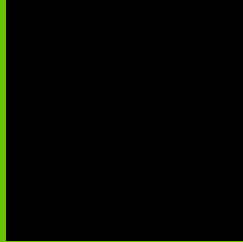
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 146.1480, 8.0840, -80.4600

Background



This preview shows how black text looks on a background with the YIQ color 146.1480, 8.0840, -80.4600.



This preview shows how white text looks on a background with the YIQ color 146.1480, 8.0840,

-80.4600.

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

146.1480, 8.0840, -80.4600

Protanopia

160.4430, 68.3700, -49.6620

Deuteranopia

166.0100, 71.9880, -27.1160



Tritanopia

167.8630, -36.4030, -6.5710

Trichromacy



Original Color

146.1480, 8.0840, -80.4600

Protanomaly

155.2720, 46.5020, -60.8420

Deuteranomaly

159.0850, 49.0670, -46.7490

Tritanomaly

159.8990, -20.0300, -33.4860

Monochromacy



Original Color

146.1480, 8.0840, -80.4600

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.0390, 3.1230, -29.0770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.1480, 8.0840, -80.4600 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(104, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 196, 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(104, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 196, 0) }
```

Border

The CSS property to change the border of an element to YIQ 146.1480, 8.0840, -80.4600 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(104, 196, 0) }
```


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

```
.border{ border-color:rgb(104, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 196,  
0) }
```

Background

The CSS property to change the background color of an element to YIQ 146.1480, 8.0840, -80.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 196, 0) }
```

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

```
.background{ background-color: rgb(104,  
196, 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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