

Converting Colors

YIQ(145.8560, -2.4170,
-71.8650)

Have a look what the booklet for
YIQ(145.8560, -2.4170, -71.8650)
contains.

YIQ(145.8560, -2.4170, -71.8650)	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(145.8560, -2.4170,
-71.8650)**

Conversions

Conversions Part 1

Format	Color
Hex	63C11A
RGB	99, 193, 26
RGB Percent	39%, 76%, 10%
CMY	0.6121, 0.2430, 0.8979
CMYK	0.49, 0.00, 0.87, 0.24
HSL	94°, 76%, 43%
HSV	94°, 87%, 76%
XYZ	24.4019, 40.8799, 7.5836
YIQ	145.8560, -2.4170, -71.8650

Conversions

Conversions Part 2

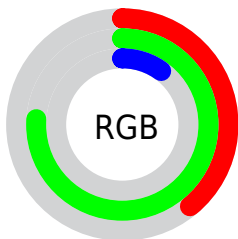
Format	Color
RYB	26, 193, 120
Decimal	6537498
CIELab	70.09, -53.30, 66.15
CIELCh	70, 84.949, 128.862
Yxy	40.8799, 0.3349, 0.5610
Android (android.graphics.Color)	4284727578 (0xFF63C11A)
YUV	145.8560, -59.0890, -41.0927
Hunter-Lab	63.9374, -43.7654, 37.7238

Details

The YIQ color **145.8560, -2.4170, -71.8650** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **73.1440, 2.4170, 71.8650**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.1380, -3.1510, -69.5750**, and **90.5740, -18.8780, -65.3900** is the 20% darker color. If you saturate the color by 10%, you get **140.4010, -2.8740, -80.1060**, and if you desaturate by 10%, it is **151.3110, -1.9600, -63.6240**.

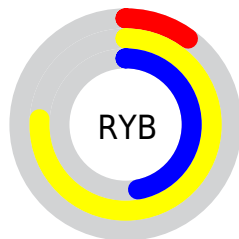
Distribution



Red (39%)

Green (76%)

Blue (10%)



Red (10%)

Yellow (76%)

Blue (47%)

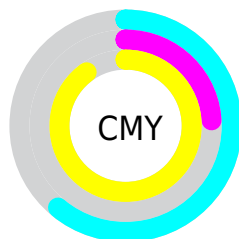


Cyan (49%)

Magenta (0%)

Yellow (87%)

Black (24%)



Cyan (61%)

Magenta (24%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.8560, -2.4170, -71.8650 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 145.8560, -2.4170, -71.8650 by changing the saturation by 10% instead.

■ 145.8560, -2.4170,
-71.8650

■ 145.8560, -2.4170,
-71.8650

■ 255.0000, -0.0000,
-0.0000

■ 117.1870, -4.8470,
-71.8790

■ 204.1380, -3.1510,
-69.5750

■ 90.5740, -18.8780,
-65.3900

■ 219.0500, 3.4490,
-57.0230

■ 65.7440, -30.8000,
-58.5760

■ 231.2120, 12.3410,
-41.9550

■ 51.0690, -23.9250,
-45.5010

■ 243.3740, 21.2330,
-26.8870

■ 36.3940, -17.0500,
-32.4260

■ 249.0720, 16.6920,
-16.1720

■ 23.4800, -11.0000,
-20.9200

■ 252.3780, 7.3830,

■ 0.5870, -0.2750,

-7.1530

-0.5230

■ 0.0000, 0.0000,
0.0000

■ 145.8560, -2.4170,
-71.8650

■ 145.8560, -2.4170,
-71.8650

■ 140.4010, -2.8740,
-80.1060

■ 151.3110, -1.9600,
-63.6240

■ 138.4070, -3.0110,
-83.1310

■ 156.8800, -1.8240,
-55.0720

■ 162.3350, -1.3670,
-46.8310

■ 167.4910, -1.5060,
-38.8020

■ 173.0600, -1.3700,
-30.2500

■ 178.5150, -0.9130,
-22.0090

■ 183.9700, -0.4560,
-13.7680

■ 189.4250, 0.0010,
-5.5270

■ 194.9940, 0.1370,
3.0250

Harmonies

Analogous

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



158.0400, 62.1350, -52.3050



145.8560, -2.4170, -71.8650



131.3420, -91.5020, -70.8140

Triad

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



145.8560, -2.4170, -71.8650



143.5350, -135.4800, -22.6800



142.2940, 80.3630, 57.9230

Complementary

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



145.8560, -2.4170, -71.8650



73.1440, 2.4170, 71.8650

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.



161.0510, 50.9710, 72.9790



145.8560, -2.4170, -71.8650



130.6210, -129.4300, -11.1740

Square

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



145.8560, -2.4170, -71.8650



148.8180, -137.9550, -27.3870



170.7620, -0.2840, 49.2200



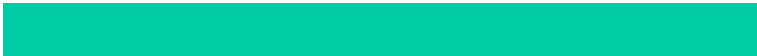
149.7070, 96.6920, 20.7880

Rectangle

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



145.8560, -2.4170, -71.8650



139.2590, -109.6610, -55.5890



170.7620, -0.2840, 49.2200



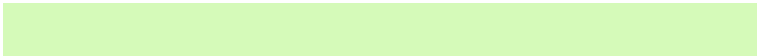
145.2580, 72.0170, 66.0090

Sweetspot

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



145.8560, -2.4170, -71.8650



231.5270, -1.1870, -28.0590



129.9370, 74.2320, -12.7120



113.9760, -0.5930, -16.7930



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



145.8560, -2.4170, -71.8650



179.3410, -3.7860, -107.6420



124.9410, -48.4930, -84.8530



94.0660, -0.3660, -4.3820



115.4370, -2.5550, -69.3630



23.5570, -0.7310, -14.2910

Inverse Universe

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



73.1440, 2.4170, 71.8650



70.6590, 3.7860, 107.6420



94.0590, 48.4930, 84.8530



89.9340, 0.3660, 4.3820



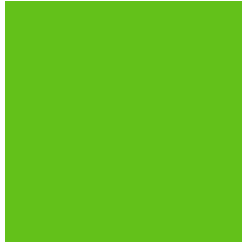
45.5630, 2.5550, 69.3630



9.4430, 0.7310, 14.2910

Previews

White Background



This preview shows how the YIQ color 145.8560, -2.4170, -71.8650 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 145.8560, -2.4170, -71.8650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

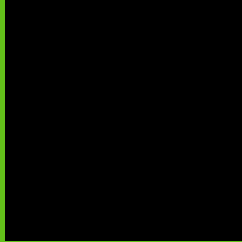
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 145.8560, -2.4170, -71.8650

Background



This preview shows how black text looks on a background with the YIQ color 145.8560, -2.4170, -71.8650.



This preview shows how white text looks on a background with the YIQ color 145.8560, -2.4170,

-71.8650.

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

145.8560, -2.4170, -71.8650

Protanopia

159.9510, 61.3080, -42.8200

Deuteranopia

164.3240, 68.2280, -25.0520



Tritanopia

164.8520, -37.8700, -7.5180

Trichromacy



Original Color

145.8560, -2.4170, -71.8650



Protanomaly

154.8230, 37.8810, -53.2790



Deuteranomaly

157.4250, 42.4180, -41.8860



Tritanomaly

158.1420, -25.0280, -31.0120

Monochromacy



Original Color

145.8560, -2.4170, -71.8650



Achromatopsia

146.0000, -0.0000, -0.0000



Achromatomaly

145.8800, -0.6830, -26.1790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.8560, -2.4170, -71.8650 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(99, 193, 26)` looks like.

```
.text, #text, p{  
    color:rgb(99, 193, 26)  
}
```

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(99, 193, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 193, 26) }
```

Border

The CSS property to change the border of an element to YIQ 145.8560, -2.4170, -71.8650 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(99, 193, 26) }
```


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

```
.border{ border-color:rgb(99, 193, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 193, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 193, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 193, 26);  
box-shadow:4px 4px 4px 4px rgb(99, 193,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 145.8560, -2.4170, -71.8650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 193, 26) }
```

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

```
.background{ background-color: rgb(99, 193,  
26) }
```

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