

Converting Colors

YIQ(145.3160, -0.3560,
-59.6520)

Have a look what the booklet for
YIQ(145.3160, -0.3560, -59.6520)
contains.

YIQ(145.3160, -0.3560, -59.6520)	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(145.3160, -0.3560,
-59.6520)**

Conversions

Conversions Part 1

Format	Color
Hex	6CB82C
RGB	108, 184, 44
RGB Percent	42%, 72%, 17%
CMY	0.5767, 0.2783, 0.8273
CMYK	0.41, 0.00, 0.76, 0.28
HSL	93°, 61%, 45%
HSV	93°, 76%, 72%
XYZ	23.7782, 37.6600, 8.4014
YIQ	145.3160, -0.3560, -59.6520

Conversions

Conversions Part 2

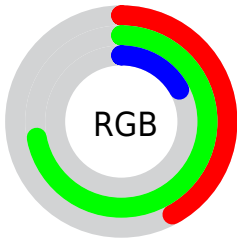
Format	Color
RYB	44, 184, 120
Decimal	7125036
CIELab	67.77, -46.02, 59.28
CIELCh	68, 75.051, 127.822
Yxy	37.6600, 0.3405, 0.5392
Android (android.graphics.Color)	4285315116 (0xFF6CB82C)
YUV	145.3160, -49.9488, -32.7261
Hunter-Lab	61.3678, -38.2300, 34.8404

Details

The YIQ color $145.3160, -0.3560, -59.6520$ is a dark color, and the websafe version is hex $66CC33$. A complement of this color would be $82.6840, 0.3560, 59.6520$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $202.2020, -0.0350, -59.9630$, and $90.9610, -6.5460, -57.6020$ is the 20% darker color. If you saturate the color by 10%, you get $140.2740, -0.5380, -67.3700$, and if you desaturate by 10%, it is $150.3580, -0.1740, -51.9340$.

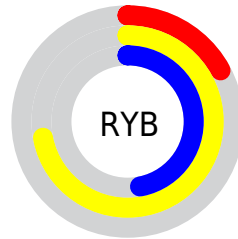
Distribution



Red (42%)

Green (72%)

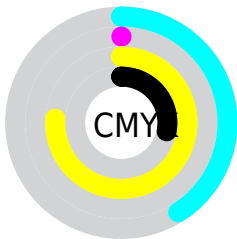
Blue (17%)



Red (17%)

Yellow (72%)

Blue (47%)

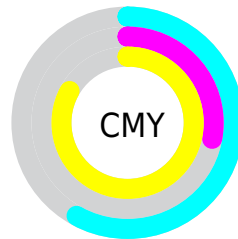


Cyan (41%)

Magenta (0%)

Yellow (76%)

Black (28%)



Cyan (58%)

Magenta (28%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.3160, -0.3560, -59.6520 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 145.3160, -0.3560, -59.6520 by changing the saturation by 10% instead.

■ 145.3160, -0.3560,
-59.6520

■ 145.3160, -0.3560,
-59.6520

■ 255.0000, -0.0000,
-0.0000

■ 116.2360, 2.6250,
-64.1190

■ 202.2020, -0.0350,
-59.9630

■ 90.9610, -6.5460,
-57.6020

■ 222.1690, 4.7320,
-52.7400

■ 63.7390, -23.2360,
-52.4840

■ 234.0320, 13.0280,
-37.8840

■ 46.9600, -22.0000,
-41.8400

■ 246.1940, 21.9200,
-22.8160

■ 32.8720, -15.4000,
-29.2880

■ 250.0980, 13.8030,
-13.3730

■ 19.9580, -9.3500,
-17.7820

■ 253.4040, 4.4940,

■ 0.0000, 0.0000,

-4.3540

0.0000

■ 145.3160, -0.3560,
-59.6520

■ 145.3160, -0.3560,
-59.6520

■ 140.2740, -0.5380,
-67.3700

■ 150.3580, -0.1740,
-51.9340

■ 135.1180, -0.3990,
-75.3990

■ 155.5140, -0.3130,
-43.9050

■ 133.1240, -0.5360,
-78.4240

■ 160.5560, -0.1310,
-36.1870

■ 165.7120, -0.2700,
-28.1580

■ 170.7540, -0.0880,
-20.4400

■ 175.7960, 0.0940,
-12.7220

■ 180.9520, -0.0450,
-4.6930

■ 185.9940, 0.1370,
3.0250

■ 191.1500, -0.0020,
11.0540

Harmonies

Analogous

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



152.7350, 61.6760, -49.4920



145.3160, -0.3560, -59.6520



125.9450, -88.7060, -66.4180

Triad

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



145.3160, -0.3560, -59.6520



138.2520, -133.0050, -17.9730



148.5230, 77.9800, 51.5480

Complementary

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



145.3160, -0.3560, -59.6520



82.6840, 0.3560, 59.6520

Split Complementary

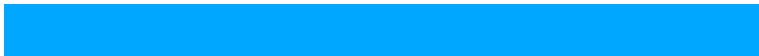
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



163.9060, 52.5770, 65.8970



145.3160, -0.3560, -59.6520



127.0990, -127.7800, -8.0360

Square

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



145.3160, -0.3560, -59.6520



142.6230, -132.9120, -25.1680



167.1740, -7.4360, 46.6760



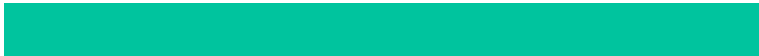
152.2660, 93.6200, 21.3960

Rectangle

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



145.3160, -0.3560, -59.6520



133.0640, -104.6180, -53.3700



167.1740, -7.4360, 46.6760



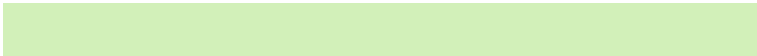
151.7320, 70.3220, 58.1780

Sweetspot

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



145.3160, -0.3560, -59.6520



224.7600, -0.2250, -23.4650



129.8850, 62.8150, -9.5450



110.7420, 0.1860, -14.3900



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



145.3160, -0.3560, -59.6520



179.5670, -0.9460, -93.0260



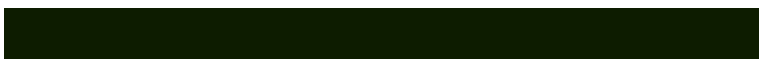
126.7500, -40.1050, -71.6650



89.4790, -0.0910, -3.8590



112.8010, -0.5840, -66.5360



20.3230, 0.0480, -11.8880

Inverse Universe

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



82.6840, 0.3560, 59.6520



82.1340, 0.3500, 92.8140



101.2500, 40.1050, 71.6650



85.5210, 0.0910, 3.8590



43.1990, 0.5840, 66.5360



7.6770, -0.0480, 11.8880

Previews

White Background



This preview shows how the YIQ color 145.3160, -0.3560, -59.6520 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 145.3160, -0.3560, -59.6520 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 145.3160, -0.3560, -59.6520

Background



This preview shows how black text looks on a background with the YIQ color 145.3160, -0.3560, -59.6520.



This preview shows how white text looks on a background with the YIQ color 145.3160, -0.3560,

-59.6520.

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

145.3160, -0.3560, -59.6520

Protanopia

156.6160, 52.3660, -34.9460

Deuteranopia

159.2510, 61.3040, -20.7120



Tritanopia

160.3260, -30.3970, -5.2850

Trichromacy



Original Color

145.3160, -0.3560, -59.6520



Protanomaly

152.5810, 33.1110, -43.9210



Deuteranomaly

154.2000, 38.9780, -34.6060



Tritanomaly

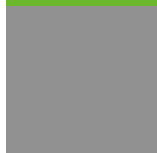
154.7670, -19.2980, -24.7220

Monochromacy



Original Color

145.3160, -0.3560, -59.6520



Achromatopsia

145.0000, 0.0000, -0.0000



Achromatomaly

145.1130, 0.2790, -21.5850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.3160, -0.3560, -59.6520 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(108, 184, 44)` looks like.

```
.text, #text, p{  
    color:rgb(108, 184, 44)  
}
```

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(108, 184, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 184, 44) }
```

Border

The CSS property to change the border of an element to YIQ 145.3160, -0.3560, -59.6520 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(108, 184, 44) }
```


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

```
.border{ border-color:rgb(108, 184, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 184, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 184, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 184, 44);  
box-shadow:4px 4px 4px 4px rgb(108, 184,  
44) }
```

Background

The CSS property to change the background color of an element to YIQ 145.3160, -0.3560, -59.6520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 184, 44) }
```

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

```
.background{ background-color: rgb(108,  
184, 44) }
```

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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