

Converting Colors

YIQ(159.0820, -25.9400,
-58.5480)

Have a look what the booklet for
YIQ(159.0820, -25.9400, -58.5480)
contains.

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Color

**YIQ(159.0820, -25.9400,
-58.5480)**

Conversions

Conversions Part 1

Format	Color
Hex	62CC58
RGB	98, 204, 88
RGB Percent	38%, 80%, 35%
CMY	0.6160, 0.1998, 0.6549
CMYK	0.52, 0.00, 0.57, 0.20
HSL	115°, 53%, 57%
HSV	115°, 57%, 80%
XYZ	28.3928, 46.5034, 16.7114
YIQ	159.0820, -25.9400, -58.5480

Conversions

Conversions Part 2

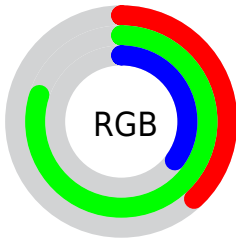
Format	Color
RYB	88, 204, 194
Decimal	6474840
CIELab	73.87, -53.13, 47.87
CIELCh	74, 71.516, 137.984
Yxy	46.5034, 0.3099, 0.5076
Android (android.graphics.Color)	4284664920 (0xFF62CC58)
YUV	159.0820, -35.0434, -53.5689
Hunter-Lab	68.1934, -45.0187, 33.2058

Details

The YIQ color **159.0820, -25.9400, -58.5480** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **132.9180, 25.9400, 58.5480**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4030, -22.4100, -56.4420**, and **101.0210, -33.1380, -60.2580** is the 20% darker color. If you saturate the color by 10%, you get **151.1210, -30.8440, -68.7960**, and if you desaturate by 10%, it is **167.0430, -21.0360, -48.3000**.

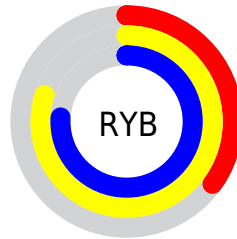
Distribution



Red (38%)

Green (80%)

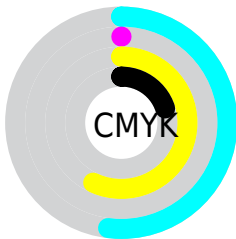
Blue (35%)



Red (35%)

Yellow (80%)

Blue (76%)

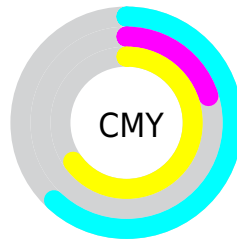


Cyan (52%)

Magenta (0%)

Yellow (57%)

Black (20%)



Cyan (62%)

Magenta (20%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.0820, -25.9400, -58.5480 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 159.0820, -25.9400, -58.5480 by changing the saturation by 10% instead.

■ 159.0820,
-25.9400, -58.5480

■ 159.0820,
-25.9400, -58.5480

■ 255.0000, -0.0000,
-0.0000

■ 130.7120,
-27.7740, -58.3500

■ 212.4030,
-22.4100, -56.4420

■ 101.0210,
-33.1380, -60.2580

■ 224.1520,
-13.7930, -41.8970

■ 71.6140, -33.5500,
-63.8060

■ 236.3140, -4.9010,
-26.8290

■ 56.3520, -26.4000,
-50.2080

■ 248.5900, 3.6700,
-11.4500

■ 41.6770, -19.5250,
-37.1330

■ 254.8860, 0.3210,
-0.3110

■ 28.7630, -13.4750,
-25.6270

■ 12.9140, -6.0500,

-11.5060

■ 0.0000, 0.0000,
0.0000

■ 159.0820,
-25.9400, -58.5480

■ 159.0820,
-25.9400, -58.5480

■ 151.1210,
-30.8440, -68.7960

■ 167.0430,
-21.0360, -48.3000

■ 143.3450,
-34.8310, -79.1430

■ 174.8190,
-17.0490, -37.9530

■ 135.3840,
-39.7350, -89.3910

■ 182.7800,
-12.1450, -27.7050

■ 127.3090,
-44.3180, -99.9500

■ 190.8550, -7.5620,
-17.1460

■ 124.8310,
-45.9680, -103.0880

■ 198.5170, -3.2540,
-7.1100

■ 206.4780, 1.6500,
3.1380

■ 214.5530, 6.2330,
13.6970

■ 222.2150, 10.5410,
23.7330

■ 225.0630, 14.0250,
26.6730

Harmonies

Analogous

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



168.8990, 40.7230, -49.7170



159.0820, -25.9400, -58.5480



141.1850, -106.8170, -63.0810

Triad

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



159.0820, -25.9400, -58.5480



144.7090, -136.0300, -23.7260



163.8020, 72.1600, 35.8720

Complementary

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



159.0820, -25.9400, -58.5480



132.9180, 25.9400, 58.5480

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.



171.9130, 50.6990, 55.8750



159.0820, -25.9400, -58.5480



170.6650, -52.5000, 15.3400

Square

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



159.0820, -25.9400, -58.5480



151.7530, -139.3300, -30.0020



185.3250, 17.1840, 52.0320



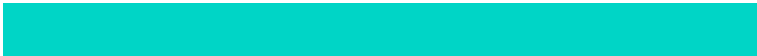
169.2890, 85.6450, 6.2290

Rectangle

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



159.0820, -25.9400, -58.5480



147.6030, -122.1330, -49.8210



185.3250, 17.1840, 52.0320



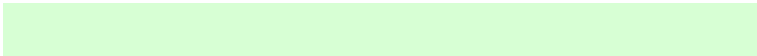
164.5490, 65.9230, 44.2830

Sweetspot

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



159.0820, -25.9400, -58.5480



238.1380, -10.0370, -21.8530



183.7320, 40.5360, -29.8000



117.8600, -5.9580, -13.1740



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.



159.0820, -25.9400, -58.5480



187.7370, -39.2310, -87.5110



161.3360, -46.6660, -46.3620



98.1690, -2.1540, -5.0180



101.6280, -37.3060, -83.8500



23.2030, -8.6620, -19.2380

Inverse Universe

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



132.9180, 25.9400, 58.5480



148.9640, 38.6350, 87.2990



130.6640, 46.6660, 46.3620



95.8310, 2.1540, 5.0180



64.3720, 37.3060, 83.8500



14.7970, 8.6620, 19.2380

Previews

White Background



This preview shows how the YIQ color 159.0820, -25.9400, -58.5480 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 159.0820, -25.9400, -58.5480 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 159.0820, -25.9400, -58.5480 Background



This preview shows how black text looks on a background with the YIQ color 159.0820, -25.9400, -58.5480.



This preview shows how white text looks on a background with the YIQ color 159.0820, -25.9400, -58.5480.

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

159.0820, -25.9400, -58.5480

Protanopia

175.2810, 43.4240, -27.0720

Deuteranopia

178.1010, 53.2790, -12.9370



Tritanopia

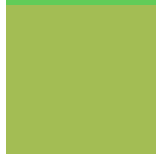
173.0790, -45.9390, -9.9630

Trichromacy



Original Color

159.0820, -25.9400, -58.5480



Protanomaly

169.2560, 18.2090, -38.1670



Deuteranomaly

171.3480, 24.1220, -29.6860



Tritanomaly

167.8340, -38.6000, -27.3360

Monochromacy



Original Color

159.0820, -25.9400, -58.5480



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.8500, -9.1660, -21.1180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.0820, -25.9400, -58.5480 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(98, 204, 88)` looks like.

```
.text, #text, p{  
    color:rgb(98, 204, 88)  
}
```

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(98, 204, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 204, 88) }
```

Border

The CSS property to change the border of an element to YIQ 159.0820, -25.9400, -58.5480 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(98, 204, 88) }
```


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

```
.border{ border-color:rgb(98, 204, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 204, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 204, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 204, 88);  
box-shadow:4px 4px 4px 4px rgb(98, 204,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 159.0820, -25.9400, -58.5480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 204, 88) }
```

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

```
.background{ background-color: rgb(98, 204,  
88) }
```

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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