

Converting Colors

YIQ(119.8900, 18.5790,
-55.8930)

Have a look what the booklet for
YIQ(119.8900, 18.5790, -55.8930)
contains.

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Color

**YIQ(119.8900, 18.5790,
-55.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	679704
RGB	103, 151, 4
RGB Percent	40%, 59%, 2%
CMY	0.5963, 0.4078, 0.9841
CMYK	0.32, 0.00, 0.97, 0.41
HSL	80°, 95%, 30%
HSV	80°, 97%, 59%
XYZ	16.6795, 25.0289, 4.0682
YIQ	119.8900, 18.5790, -55.8930

Conversions

Conversions Part 2

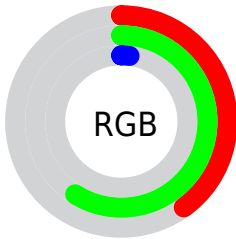
Format	Color
RYB	4, 151, 52
Decimal	6788868
CIELab	57.10, -35.17, 59.18
CIELCh	57, 68.841, 120.723
Yxy	25.0289, 0.3644, 0.5468
Android (android.graphics.Color)	4284978948 (0xFF679704)
YUV	119.8900, -57.1338, -14.8125
Hunter-Lab	50.0289, -28.0393, 30.1990

Details

The YIQ color **119.8900, 18.5790, -55.8930** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **35.1100, -18.5790, 55.8930**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.3720, 14.4060, -51.8500**, and **73.0520, 1.1080, -42.1240** is the 20% darker color. If you saturate the color by 10%, you get **119.1350, 19.2670, -57.3490**, and if you desaturate by 10%, it is **123.0950, 16.7440, -50.1680**.

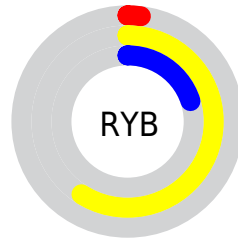
Distribution



Red (40%)

Green (59%)

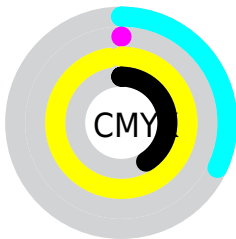
Blue (2%)



Red (2%)

Yellow (59%)

Blue (20%)

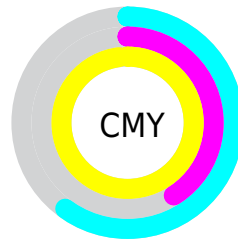


Cyan (32%)

Magenta (0%)

Yellow (97%)

Black (41%)



Cyan (60%)

Magenta (41%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8900, 18.5790, -55.8930 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 119.8900, 18.5790, -55.8930 by changing the saturation by 10% instead.

■ 119.8900, 18.5790,
-55.8930

■ 119.8900, 18.5790,
-55.8930

■ 255.0000, -0.0000,
-0.0000

■ 96.0990, 10.9210,
-49.2630

■ 176.3720, 14.4060,
-51.8500

■ 73.0520, 1.1080,
-42.1240

■ 204.5570, 15.3230,
-51.9490

■ 48.8090, -11.0890,
-35.8330

■ 228.7470, 17.8440,
-48.0760

■ 30.5240, -14.3000,
-27.1960

■ 240.4960, 26.4610,
-33.5310

■ 18.7840, -8.8000,
-16.7360

■ 246.6780, 23.4330,
-22.7030

■ 0.0000, 0.0000,
0.0000

■ 249.9840, 14.1240,

-13.6840

■ 253.2900, 4.8150,
-4.6650

■ 119.8900, 18.5790,
-55.8930

■ 119.8900, 18.5790,
-55.8930

■ 119.1350, 19.2670,
-57.3490

■ 123.0950, 16.7440,
-50.1680

■ 126.3000, 14.9090,
-44.4430

■ 129.5050, 13.0740,
-38.7180

■ 132.7100, 11.2390,
-32.9930

■ 136.0290, 9.0830,
-26.9570

■ 139.2340, 7.2480,
-21.2320

■ 142.4390, 5.4130,
-15.5070

■ 145.3450, 2.9820,
-9.9940

■ 148.5500, 1.1470,
-4.2690

Harmonies

Analogous

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



127.9820, 60.0230, -36.0490



119.8900, 18.5790, -55.8930



102.3560, -67.7540, -60.6660

Triad

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



119.8900, 18.5790, -55.8930



120.3340, -121.1320, -7.3720



129.4680, 79.8130, 56.8770

Complementary

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



119.8900, 18.5790, -55.8930



35.1100, -18.5790, 55.8930

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.



138.3660, 36.3020, 57.9820



119.8900, 18.5790, -55.8930



113.5980, -121.4550, 3.9930

Square

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



119.8900, 18.5790, -55.8930



118.7260, -108.3370, -24.5050



138.2790, -29.9010, 40.8110



128.8890, 93.6640, 31.6160

Rectangle

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



119.8900, 18.5790, -55.8930



108.9050, -82.0610, -49.1730



138.2790, -29.9010, 40.8110



132.0030, 68.1210, 59.5210

Sweetspot

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



119.8900, 18.5790, -55.8930



184.1200, 7.5690, -21.5430



75.5420, 74.6870, 6.5830



91.8350, 4.3580, -12.9060



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



119.8900, 18.5790, -55.8930



154.5200, 24.7720, -74.5240



98.3620, -24.3330, -71.1570



75.1910, 0.7800, -3.1240



110.2860, 17.5240, -53.2920



10.3220, 1.7890, -4.8910

Inverse Universe

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



35.1100, -18.5790, 55.8930



41.4800, -24.7720, 74.5240



56.6380, 24.3330, 71.1570



70.5100, -1.3760, 2.9120



29.7140, -17.5240, 53.2920



2.6780, -1.7890, 4.8910

Previews

White Background



This preview shows how the YIQ color 119.8900, 18.5790, -55.8930 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8900, 18.5790, -55.8930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

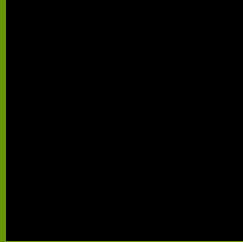
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8900, 18.5790, -55.8930

Background



This preview shows how black text looks on a background with the YIQ color 119.8900, 18.5790, -55.8930.



This preview shows how white text looks on a background with the YIQ color 119.8900, 18.5790,

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

119.8900, 18.5790, -55.8930

Protanopia

126.4650, 54.1090, -39.0030

Deuteranopia

131.0440, 57.4530, -22.5070



Tritanopia

134.7900, -16.9640, -0.9320

Trichromacy



Original Color

119.8900, 18.5790, -55.8930

Protanomaly

123.8330, 41.0890, -45.3350

Deuteranomaly

127.2390, 43.2420, -34.7900

Tritanomaly

129.4870, -3.7100, -20.8780

Monochromacy



Original Color

119.8900, 18.5790, -55.8930

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8750, 6.8810, -20.0870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8900, 18.5790, -55.8930 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(103, 151, 4)` looks like.

```
.text, #text, p{  
    color:rgb(103, 151, 4)  
}
```

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(103, 151, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 151, 4) }
```

Border

The CSS property to change the border of an element to YIQ 119.8900, 18.5790, -55.8930 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(103, 151, 4) }
```


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

```
.border{ border-color:rgb(103, 151, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 151, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 151, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 151, 4);  
box-shadow:4px 4px 4px 4px rgb(103, 151,  
4) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8900, 18.5790, -55.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 151, 4) }
```

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

```
.background{ background-color: rgb(103,  
151, 4) }
```

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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