

Converting Colors

YIQ(115.1930, -11.8700,
-27.1820)

Have a look what the booklet for
YIQ(115.1930, -11.8700, -27.1820)
contains.

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Color

**YIQ(115.1930, -11.8700,
-27.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	578852
RGB	87, 136, 82
RGB Percent	34%, 53%, 32%
CMY	0.6590, 0.4666, 0.6784
CMYK	0.36, 0.00, 0.40, 0.47
HSL	114°, 25%, 43%
HSV	114°, 40%, 53%
XYZ	14.2569, 20.2477, 11.1391
YIQ	115.1930, -11.8700, -27.1820

Conversions

Conversions Part 2

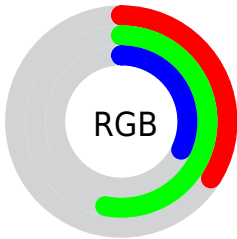
Format	Color
R_{YB}	82, 136, 131
Decimal	5736530
CIE _{Lab}	52.12, -27.94, 23.90
CIE _{LCh}	52, 36.769, 139.454
Yxy	20.2477, 0.3124, 0.4436
Android (android.graphics.Color)	4283926610 (0xFF578852)
YUV	115.1930, -16.3641, -24.7253
Hunter-Lab	44.9974, -22.1898, 16.8209

Details

The YIQ color **115.1930, -11.8700, -27.1820** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **102.8070, 11.8700, 27.1820**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1390, -11.7780, -28.8500**, and **65.6490, -13.1540, -25.9380** is the 20% darker color. If you saturate the color by 10%, you get **110.0090, -14.5280, -34.0800**, and if you desaturate by 10%, it is **120.3770, -9.2120, -20.2840**.

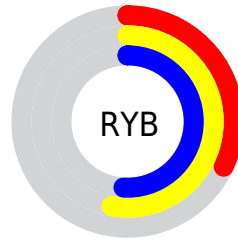
Distribution



Red (34%)

Green (53%)

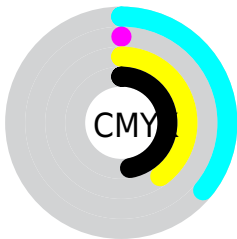
Blue (32%)



Red (32%)

Yellow (53%)

Blue (51%)

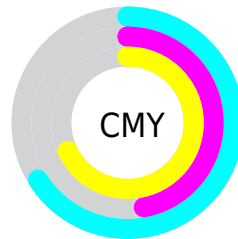


Cyan (36%)

Magenta (0%)

Yellow (40%)

Black (47%)



Cyan (66%)

Magenta (47%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.1930, -11.8700, -27.1820 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 115.1930, -11.8700, -27.1820 by changing the saturation by 10% instead.

■ 115.1930,
-11.8700, -27.1820

■ 115.1930,
-11.8700, -27.1820

■ 255.0000, -0.0000,
-0.0000

■ 89.7200, -11.9160,
-26.3480

■ 168.1390,
-11.7780, -28.8500

■ 65.6490, -13.1540,
-25.9380

■ 195.6120,
-11.7320, -29.6840

■ 40.9800, -15.5840,
-25.9520

■ 223.1990,
-12.0070, -30.2070

■ 23.4800, -11.0000,
-20.9200

■ 240.3450, -6.1860,
-20.0580

■ 8.2180, -3.8500,
-7.3220

■ 252.3220, 1.7890,
-4.8910

■ 0.0000, 0.0000,
0.0000

■ 115.1930,
-11.8700, -27.1820

■ 115.1930,
-11.8700, -27.1820

■ 110.0090,
-14.5280, -34.0800

■ 120.3770, -9.2120,
-20.2840

■ 104.6400,
-18.1030, -40.8790

■ 125.7460, -5.6370,
-13.4850

■ 99.4560, -20.7610,
-47.7770

■ 130.9300, -2.9790,
-6.5870

■ 94.3860, -23.7400,
-54.3640

■ 136.0000, -0.0000,
0.0000

■ 88.9030, -26.9940,
-61.4740

■ 141.4830, 3.2540,
7.1100

■ 83.7190, -29.6520,
-68.3720

■ 146.6670, 5.9120,
14.0080

■ 83.4200, -30.2480,
-68.5840

■ 151.7370, 8.8910,
20.5950

■ 157.2200, 12.1450,

27.7050

■ 162.2900, 15.1240,
34.2920

Harmonies

Analogous

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



119.6820, 17.6100, -21.7980



115.1930, -11.8700, -27.1820



105.4130, -53.5920, -30.9680

Triad

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



115.1930, -11.8700, -27.1820



110.9580, -70.1030, -1.5510



125.0990, 48.7340, 19.8860

Complementary

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



115.1930, -11.8700, -27.1820



102.8070, 11.8700, 27.1820

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.



127.2410, 34.0150, 27.8310



115.1930, -11.8700, -27.1820



124.3060, -26.5040, 17.7840

Square

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



115.1930, -11.8700, -27.1820



100.5000, -92.8410, -18.9930



128.0670, 8.2020, 27.5780



124.0260, 49.8370, 5.3970

Rectangle

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



115.1930, -11.8700, -27.1820



98.0430, -81.7890, -32.0690



128.0670, 8.2020, 27.5780



125.6520, 45.7990, 23.5190

Sweetspot

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



115.1930, -11.8700, -27.1820



167.9250, -4.5830, -10.5590



126.9090, 18.7090, -14.1790



84.3430, -2.7040, -6.0640



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



115.1930, -11.8700, -27.1820



143.2870, -18.6070, -42.7590



116.2060, -21.9120, -21.4000



66.4080, -1.3290, -3.4490



81.6590, -29.4230, -67.0150



2.9350, -1.3750, -2.6150

Inverse Universe

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



102.8070, 11.8700, 27.1820



123.7130, 18.6070, 42.7590



101.7940, 21.9120, 21.4000



64.5920, 1.3290, 3.4490



51.0420, 28.8270, 66.8030



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 115.1930, -11.8700, -27.1820 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 115.1930, -11.8700, -27.1820 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 115.1930, -11.8700, -27.1820 Background



This preview shows how black text looks on a background with the YIQ color 115.1930, -11.8700, -27.1820.



This preview shows how white text looks on a background with the YIQ color 115.1930, -11.8700,

-27.1820.

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

115.1930, -11.8700, -27.1820

Protanopia

121.9310, 21.6430, -12.2850

Deuteranopia

123.3220, 28.1520, -3.5920



Tritanopia

120.9850, -22.0070, -3.1510

Trichromacy



Original Color

115.1930, -11.8700, -27.1820

Protanomaly

119.4240, 9.7690, -17.3590

Deuteranomaly

120.7390, 13.4360, -12.2280

Tritanomaly

119.1560, -18.4750, -12.0990

Monochromacy



Original Color

115.1930, -11.8700, -27.1820

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

115.3380, -4.3080, -10.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.1930, -11.8700, -27.1820 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(87, 136, 82)` looks like.

```
.text, #text, p{  
    color:rgb(87, 136, 82)  
}
```

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(87, 136, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 136, 82) }
```

Border

The CSS property to change the border of an element to YIQ 115.1930, -11.8700, -27.1820 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(87, 136, 82) }
```


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

```
.border{ border-color:rgb(87, 136, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 136, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 136, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 136, 82);  
box-shadow:4px 4px 4px 4px rgb(87, 136,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 115.1930, -11.8700, -27.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 136, 82) }
```

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

```
.background{ background-color: rgb(87, 136,  
82) }
```

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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