

Converting Colors

YIQ(119.0010, -2.8820,
-35.8900)

Have a look what the booklet for
YIQ(119.0010, -2.8820, -35.8900)
contains.

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Color

**YIQ(119.0010, -2.8820,
-35.8900)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8F3D
RGB	94, 143, 61
RGB Percent	37%, 56%, 24%
CMY	0.6315, 0.4391, 0.7607
CMYK	0.34, 0.00, 0.57, 0.44
HSL	96°, 40%, 40%
HSV	96°, 57%, 56%
XYZ	15.2799, 22.3655, 7.9284
YIQ	119.0010, -2.8820, -35.8900

Conversions

Conversions Part 2

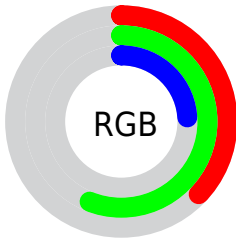
Format	Color
RYB	61, 143, 110
Decimal	6197053
CIELab	54.41, -31.63, 37.88
CIELCh	54, 49.354, 129.860
Yxy	22.3655, 0.3353, 0.4908
Android (android.graphics.Color)	4284387133 (0xFF5E8F3D)
YUV	119.0010, -28.5945, -21.9259
Hunter-Lab	47.2922, -25.0888, 23.1648

Details

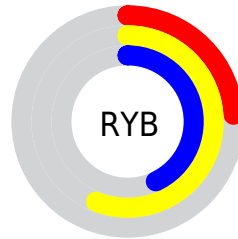
The YIQ color $119.0010, -2.8820, -35.8900$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $84.9990, 2.8820, 35.8900$, and the grayscale version is $119.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $172.2460, -2.1940, -37.3460$, and $67.7020, -3.4780, -36.1020$ is the 20% darker color. If you saturate the color by 10%, you get $114.7140, -3.7520, -42.1520$, and if you desaturate by 10%, it is $123.2880, -2.0120, -29.6280$.

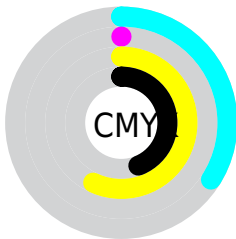
Distribution



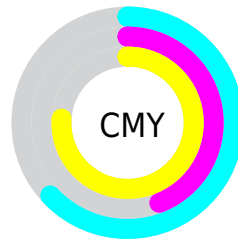
- Red (37%)
- Green (56%)
- Blue (24%)



- Red (24%)
- Yellow (56%)
- Blue (43%)



- Cyan (34%)
- Magenta (0%)
- Yellow (57%)
- Black (44%)



- Cyan (63%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0010, -2.8820, -35.8900 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 119.0010, -2.8820, -35.8900 by changing the saturation by 10% instead.

■ 119.0010, -2.8820,
-35.8900

■ 119.0010, -2.8820,
-35.8900

■ 255.0000, -0.0000,
-0.0000

■ 93.2290, -3.5240,
-35.2680

■ 172.2460, -2.1940,
-37.3460

■ 67.7020, -3.4780,
-36.1020

■ 200.0180, -1.5520,
-37.9680

■ 44.4010, -9.7600,
-32.3840

■ 228.4910, -1.5060,
-38.8020

■ 26.4150, -12.3750,
-23.5350

■ 240.6420, 5.9190,
-24.6810

■ 14.0880, -6.6000,
-12.5520

■ 251.0100, 11.2350,
-10.8850

■ 0.0000, 0.0000,
0.0000

■ 254.3160, 1.9260,

-1.8660

■ 119.0010, -2.8820,
-35.8900

■ 119.0010, -2.8820,
-35.8900

■ 114.7140, -3.7520,
-42.1520

■ 123.2880, -2.0120,
-29.6280

■ 110.6120, -3.7050,
-48.5130

■ 127.3900, -2.0590,
-23.2670

■ 106.3250, -4.5750,
-54.7750

■ 131.6770, -1.1890,
-17.0050

■ 102.3370, -4.8490,
-60.8250

■ 135.6650, -0.9150,
-10.9550

■ 100.9840, -5.3530,
-62.7050

■ 140.0660, -0.3660,
-4.3820

■ 144.0540, -0.0920,
1.6680

■ 148.3410, 0.7780,
7.9300

■ 152.3290, 1.0520,
13.9800

■ 156.7300, 1.6010,
20.5530

Harmonies

Analogous

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



123.7900, 34.6210, -27.2270



119.0010, -2.8820, -35.8900



98.7490, -72.7540, -47.1380

Triad

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



119.0010, -2.8820, -35.8900



107.8810, -106.7350, -9.4790



129.9470, 61.3860, 32.8900

Complementary

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



119.0010, -2.8820, -35.8900



84.9990, 2.8820, 35.8900

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.



132.8860, 36.9930, 39.9450



119.0010, -2.8820, -35.8900



123.1310, -59.7440, 14.4640

Square

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



119.0010, -2.8820, -35.8900



108.4390, -100.0390, -20.7030



133.8240, -3.9950, 33.8690



128.5770, 67.5790, 14.2590

Rectangle

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



119.0010, -2.8820, -35.8900



103.3430, -82.9340, -38.8540



133.8240, -3.9950, 33.8690



130.6460, 55.1040, 36.6080

Sweetspot

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



119.0010, -2.8820, -35.8900



176.7850, -1.3730, -13.6690



113.6940, 35.6720, -7.7200



88.5450, -0.4570, -8.2410



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.0010, -2.8820, -35.8900



148.3850, -4.8040, -56.1320



109.9320, -24.7970, -40.7090



69.0060, -0.1370, -3.0250



95.3910, -4.9410, -59.1570



5.5930, -0.4120, -3.5480

Inverse Universe

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



84.9990, 2.8820, 35.8900



95.6150, 4.8040, 56.1320



94.0680, 24.7970, 40.7090



66.2930, 0.7330, 3.2370



39.6090, 4.9410, 59.1570



2.4070, 0.4120, 3.5480

Previews

White Background



This preview shows how the YIQ color 119.0010, -2.8820, -35.8900 looks on a white background.

Color Contrast Check

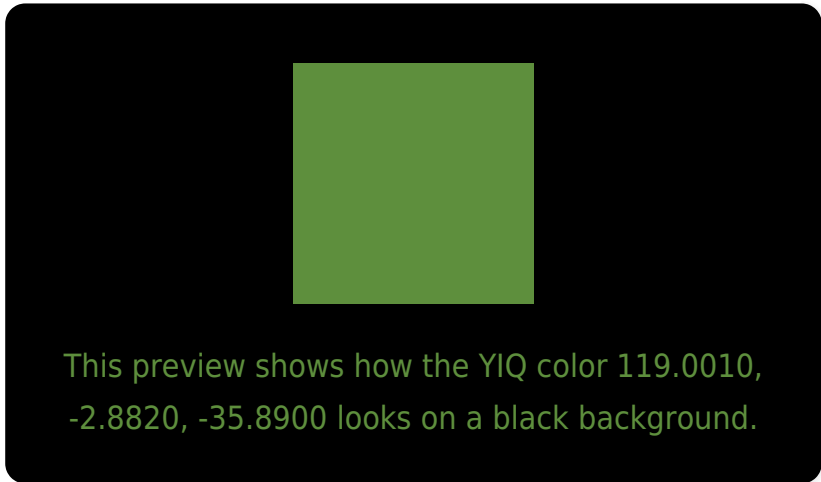
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 119.0010, -2.8820, -35.8900

Background



This preview shows how black text looks on a background with the YIQ color 119.0010, -2.8820, -35.8900.



This preview shows how white text looks on a background with the YIQ color 119.0010, -2.8820,

-35.8900.

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

119.0010, -2.8820, -35.8900

Protanopia

125.8640, 31.7770, -19.7350

Deuteranopia

127.2660, 39.7530, -10.0950



Tritanopia

127.1810, -19.6230, -2.3030

Trichromacy



Original Color

119.0010, -2.8820, -35.8900

Protanomaly

123.5310, 19.3530, -25.8550

Deuteranomaly

123.9710, 24.1660, -19.4660

Tritanomaly

123.9130, -13.4770, -14.5730

Monochromacy



Original Color

119.0010, -2.8820, -35.8900

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1980, -1.0980, -13.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0010, -2.8820, -35.8900 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(94, 143, 61)` looks like.

```
.text, #text, p{  
    color:rgb(94, 143, 61)  
}
```

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(94, 143, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 143, 61) }
```

Border

The CSS property to change the border of an element to YIQ 119.0010, -2.8820, -35.8900 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(94, 143, 61) }
```


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

```
.border{ border-color:rgb(94, 143, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 143, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 143, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 143, 61);  
box-shadow:4px 4px 4px 4px rgb(94, 143,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0010, -2.8820, -35.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 143, 61) }
```

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

```
.background{ background-color: rgb(94, 143,  
61) }
```

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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