

Converting Colors

YIQ(119.0300, -33.9340,
31.2980)

Have a look what the booklet for
YIQ(119.0300, -33.9340, 31.2980)
contains.

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Color

**YIQ(119.0300, -33.9340,
31.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	6A6CD2
RGB	106, 108, 210
RGB Percent	42%, 42%, 82%
CMY	0.5842, 0.5765, 0.1767
CMYK	0.50, 0.49, 0.00, 0.18
HSL	239°, 54%, 62%
HSV	239°, 50%, 82%
XYZ	22.9344, 18.4409, 63.2879
YIQ	119.0300, -33.9340, 31.2980

Conversions

Conversions Part 2

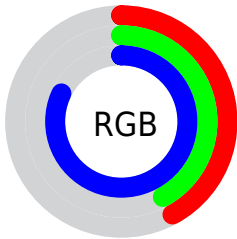
Format	Color
R_{YB}	106, 108, 210
Decimal	6974674
CIE _{Lab}	50.03, 26.68, -53.07
CIE _{LCh}	50, 59.402, 296.693
Y _{xy}	18.4409, 0.2191, 0.1762
Android (android.graphics.Color)	4285164754 (0xFF6A6CD2)
YUV	119.0300, 44.8482, -11.4273
Hunter-Lab	42.9428, 20.1811, -57.3198

Details

The YIQ color **119.0300, -33.9340, 31.2980** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **196.9700, 33.9340, -31.2980**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1400, -28.4320, 30.7040**, and **67.2310, -39.1140, 26.0540** is the 20% darker color. If you saturate the color by 10%, you get **100.4240, -40.6750, 37.8290**, and if you desaturate by 10%, it is **137.6360, -27.1930, 24.7670**.

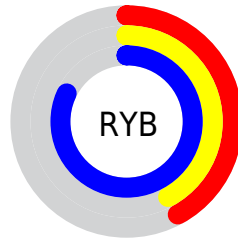
Distribution



Red (42%)

Green (42%)

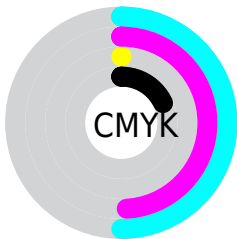
Blue (82%)



Red (42%)

Yellow (42%)

Blue (82%)

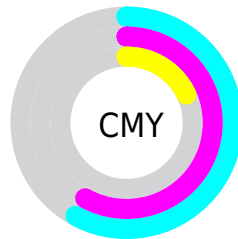


Cyan (50%)

Magenta (49%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (58%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0300, -33.9340, 31.2980 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 119.0300, -33.9340, 31.2980 by changing the saturation by 10% instead.

■ 119.0300,
-33.9340, 31.2980

■ 119.0300,
-33.9340, 31.2980

■ 255.0000, -0.0000,
-0.0000

■ 93.0790, -35.6300,
28.9940

■ 171.1400,
-28.4320, 30.7040

■ 67.2310, -39.1140,
26.0540

■ 195.6600,
-18.5730, 22.7310

■ 37.4850, -51.8130,
19.4110

■ 220.7670, -8.9890,
14.2350

■ 23.3680, -38.2420,
21.2620

■ 246.1730, 1.1910,
5.9510

■ 8.8920, -25.0380,
24.2580

■ 9.0910, -18.7090,
14.1790

■ 4.8220, -10.8220,

8.9060

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 119.0300,
-33.9340, 31.2980

■ 119.0300,
-33.9340, 31.2980

■ 100.4240,
-40.6750, 37.8290

■ 137.6360,
-27.1930, 24.7670

■ 82.4050, -47.6910,
43.8370

■ 155.6550,
-20.1770, 18.7590

■ 63.7990, -54.4320,
50.3680

■ 174.2610,
-13.4360, 12.2280

■ 45.7800, -61.4480,
56.3760

■ 192.2800, -6.4200,
6.2200

■ 27.1740, -68.1890,
62.9070

■ 210.8860, 0.3210,
-0.3110

■ 26.2880, -68.5100,
63.2180

■ 229.4920, 7.0620,
-6.8420

■ 247.5110, 14.0780,
-12.8500

■ 249.8700, 14.4450,
-13.9950

Harmonies

Analogous

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



99.6290, -105.5450, 1.9990



119.0300, -33.9340, 31.2980



121.2840, 24.4290, 47.3810

Triad

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



119.0300, -33.9340, 31.2980



114.0270, 74.4590, -0.3010



96.1220, -75.0020, -39.4340

Complementary

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



119.0300, -33.9340, 31.2980



196.9700, 33.9340, -31.2980

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.



87.8460, -57.2100, -53.5140



119.0300, -33.9340, 31.2980



111.7570, 56.5830, -28.7690

Square

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



119.0300, -33.9340, 31.2980



113.2230, 77.9840, 29.4400



106.0080, 21.6030, -44.6130



101.9360, -91.3730, -23.5730

Rectangle

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



119.0300, -33.9340, 31.2980



116.7080, 52.5340, 50.1500



106.0080, 21.6030, -44.6130



93.4830, -68.9490, -44.5090

Sweetspot

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



119.0300, -33.9340, 31.2980



221.3320, -12.1980, 11.8180



178.4480, -60.7000, -23.2920



107.6220, -7.3830, 7.1530



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.



119.0300, -33.9340, 31.2980



123.2740, -48.7000, 45.6040



132.5070, -4.1800, 42.7320



95.2540, -3.5310, 3.4210



20.9130, -54.7530, 50.6790



5.2610, -13.4360, 12.2280

Inverse Universe

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



137.3240, 61.3420, 22.6700



150.0780, 88.7580, 32.4220



183.4930, 4.1800, -42.7320



97.2890, 6.5560, 2.3320



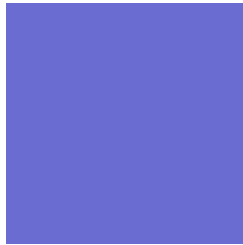
50.5740, 99.1650, 36.5490



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 119.0300, -33.9340, 31.2980 looks on a white background.

Color Contrast Check

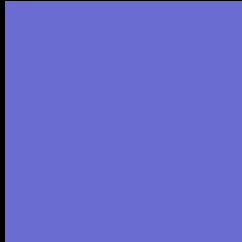
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0300, -33.9340, 31.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

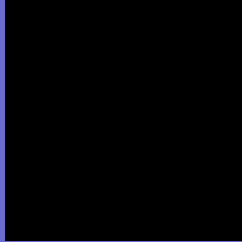
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.0300, -33.9340, 31.2980

Background



This preview shows how black text looks on a background with the YIQ color 119.0300, -33.9340, 31.2980.



This preview shows how white text looks on a background with the YIQ color 119.0300, -33.9340,

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

119.0300, -33.9340, 31.2980

Protanopia

112.2760, -61.3500, 21.5460

Deuteranopia

107.7920, -72.0310, 11.3690



Tritanopia

114.2830, -28.8380, -6.0060

Trichromacy



Original Color

119.0300, -33.9340, 31.2980

Protanomaly

114.3590, -51.2180, 25.1500

Deuteranomaly

112.1360, -58.1400, 18.4360

Tritanomaly

115.6440, -30.8120, 7.7480

Monochromacy



Original Color

119.0300, -33.9340, 31.2980

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9190, -12.4730, 11.2950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0300, -33.9340, 31.2980 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(106, 108, 210)` looks like.

```
.text, #text, p{  
    color:rgb(106, 108, 210)  
}
```

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(106, 108, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 108, 210) }
```

Border

The CSS property to change the border of an element to YIQ 119.0300, -33.9340, 31.2980 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(106, 108, 210) }
```


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

```
.border{ border-color:rgb(106, 108, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 108, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 108, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 108, 210);  
box-shadow:4px 4px 4px 4px rgb(106, 108,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0300, -33.9340, 31.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 108, 210) }
```

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

```
.background{ background-color: rgb(106,  
108, 210) }
```

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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