

Converting Colors

YIQ(136.8670, -33.0580, 4.3980)

Have a look what the booklet for
YIQ(136.8670, -33.0580, 4.3980)
contains.

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Color

**YIQ(136.8670, -33.0580,
4.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	6C8FB5
RGB	108, 143, 181
RGB Percent	42%, 56%, 71%
CMY	0.5765, 0.4391, 0.2904
CMYK	0.40, 0.21, 0.00, 0.29
HSL	211°, 33%, 57%
HSV	211°, 40%, 71%
XYZ	24.3435, 26.1711, 47.4625
YIQ	136.8670, -33.0580, 4.3980

Conversions

Conversions Part 2

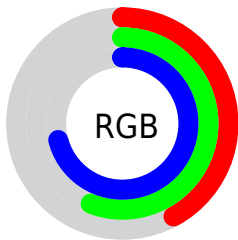
Format	Color
RYB	108, 132, 181
Decimal	7114677
CIELab	58.20, -2.29, -23.72
CIELCh	58, 23.826, 264.476
Yxy	26.1711, 0.2485, 0.2671
Android (android.graphics.Color)	4285304757 (0xFF6C8FB5)
YUV	136.8670, 21.7576, -25.3164
Hunter-Lab	51.1577, -4.5864, -19.1971

Details

The YIQ color **136.8670, -33.0580, 4.3980** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **152.1330, 33.0580, -4.3980**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.0950, -33.7000, 5.0200**, and **85.9270, -33.2870, 3.0410** is the 20% darker color. If you saturate the color by 10%, you get **126.2020, -41.3110, 5.2890**, and if you desaturate by 10%, it is **147.5320, -24.8050, 3.5070**.

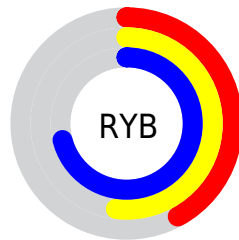
Distribution



Red (42%)

Green (56%)

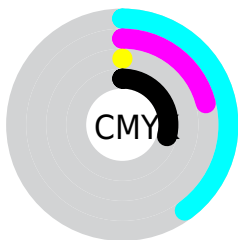
Blue (71%)



Red (42%)

Yellow (52%)

Blue (71%)

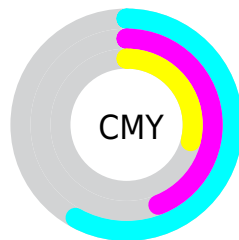


Cyan (40%)

Magenta (21%)

Yellow (0%)

Black (29%)



Cyan (58%)

Magenta (44%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.8670, -33.0580, 4.3980 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 136.8670, -33.0580, 4.3980 by changing the saturation by 10% instead.

■ 136.8670,
-33.0580, 4.3980

■ 136.8670,
-33.0580, 4.3980

■ 255.0000, -0.0000,
-0.0000

■ 110.7530,
-32.7370, 4.0870

■ 191.0950,
-33.7000, 5.0200

■ 85.9270, -33.2870,
3.0410

■ 217.9550,
-30.4900, 1.9100

■ 60.6170, -35.3500,
1.8820

■ 242.7630,
-21.5020, -6.7980

■ 36.5950, -38.2840,
-0.0120

■ 252.6080, -4.7680,
-1.6960

■ 22.2330, -25.4010,
3.2950

■ 5.0500, -11.4640,
9.5280

■ 0.9120, -2.5680,

2.4880

■ 0.0000, 0.0000,
0.0000

■ 136.8670,
-33.0580, 4.3980

■ 136.8670,
-33.0580, 4.3980

■ 126.2020,
-41.3110, 5.2890

■ 147.5320,
-24.8050, 3.5070

■ 114.9500,
-49.2890, 6.7030

■ 158.7840,
-16.8270, 2.0930

■ 104.2850,
-57.5420, 7.5940

■ 169.4490, -8.5740,
1.2020

■ 93.0330, -65.5200,
9.0080

■ 180.7010, -0.5960,
-0.2120

■ 82.3680, -73.7730,
9.8990

■ 191.3660, 7.6570,
-1.1030

■ 71.7030, -82.0260,
10.7900

■ 202.3300, 16.5060,
-1.7820

■ 213.5820, 24.4840,
-3.1960

■ 224.2470, 32.7370,
-4.0870

■ 230.7150, 31.1790,
-8.8930

Harmonies

Analogous

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



131.4150, -46.7650, -6.0050



136.8670, -33.0580, 4.3980



141.3860, -12.2900, 13.4860

Triad

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



136.8670, -33.0580, 4.3980



141.9290, 34.2930, 11.7730



134.3600, -10.5420, -18.2060

Complementary

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



136.8670, -33.0580, 4.3980



152.1330, 33.0580, -4.3980

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.



137.1190, 9.3100, -14.5460



136.8670, -33.0580, 4.3980



140.8330, 34.2030, 2.3870

Square

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



136.8670, -33.0580, 4.3980



143.1270, 25.1680, 17.4560



139.2460, 25.3100, -7.1540



130.9370, -31.2200, -17.9080

Rectangle

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



136.8670, -33.0580, 4.3980



142.9210, 2.3810, 17.4290



139.2460, 25.3100, -7.1540



135.0080, -3.6190, -17.0190

Sweetspot

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



136.8670, -33.0580, 4.3980



217.5240, -13.1590, 1.6970



155.1830, -32.2730, -26.3610



107.5200, -7.3360, 0.7920



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



136.8670, -33.0580, 4.3980



166.5800, -51.1230, 6.9010



116.6210, -22.8370, 22.9150



83.9610, -4.2640, 0.1840



60.2930, -69.1880, 9.4040



10.0080, -11.6460, 1.8100

Inverse Universe

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



133.8170, 32.2730, 26.3610



161.9430, 50.0140, 40.7500



172.3790, 22.8370, -22.9150



83.2610, 3.7590, 3.4630



54.0690, 67.7550, 55.1390



9.1420, 11.6440, 9.2440

Previews

White Background



This preview shows how the YIQ color 136.8670, -33.0580, 4.3980 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 136.8670, -33.0580, 4.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

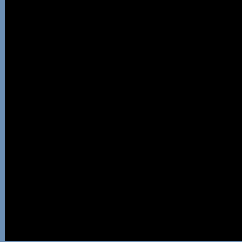
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.8670, -33.0580, 4.3980

Background



This preview shows how black text looks on a background with the YIQ color 136.8670, -33.0580, 4.3980.



This preview shows how white text looks on a background with the YIQ color 136.8670, -33.0580,

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

136.8670, -33.0580, 4.3980

Protanopia

140.0540, -17.2870, 10.4330

Deuteranopia

140.0370, -18.6170, 12.5110



Tritanopia

134.9130, -30.6720, -5.8080

Trichromacy



Original Color

136.8670, -33.0580, 4.3980

Protanomaly

138.9500, -22.9260, 8.0020

Deuteranomaly

138.8190, -23.9350, 9.7690

Tritanomaly

135.8360, -31.7730, -2.3730

Monochromacy



Original Color

136.8670, -33.0580, 4.3980

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.7090, -12.2420, 1.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.8670, -33.0580, 4.3980 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(108, 143, 181)` looks like.

```
.text, #text, p{  
    color:rgb(108, 143, 181)  
}
```

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(108, 143, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 143, 181) }
```

Border

The CSS property to change the border of an element to YIQ 136.8670, -33.0580, 4.3980 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(108, 143, 181) }
```


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

```
.border{ border-color:rgb(108, 143, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 143, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 143, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 143, 181);  
box-shadow:4px 4px 4px 4px rgb(108, 143,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 136.8670, -33.0580, 4.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 143, 181) }
```

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

```
.background{ background-color: rgb(108,  
143, 181) }
```

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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