

Converting Colors

YIQ(80.6160, -33.6090, 8.8790)

Have a look what the booklet for
YIQ(80.6160, -33.6090, 8.8790)
contains.

YIQ(80.6160, -33.6090, 8.8790)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(80.6160, -33.6090,
8.8790)**

Conversions

Conversions Part 1

Format	Color
Hex	365485
RGB	54, 84, 133
RGB Percent	21%, 33%, 52%
CMY	0.7883, 0.6705, 0.4786
CMYK	0.59, 0.37, 0.00, 0.48
HSL	217°, 42%, 37%
HSV	217°, 59%, 52%
XYZ	8.9227, 8.8189, 23.4064
YIQ	80.6160, -33.6090, 8.8790

Conversions

Conversions Part 2

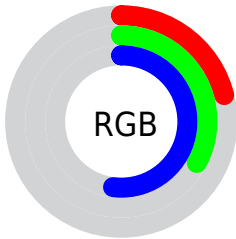
Format	Color
R_{YB}	54, 76, 133
Decimal	3560581
CIE _{Lab}	35.63, 4.69, -30.79
CIE _{LCh}	36, 31.141, 278.654
Yxy	8.8189, 0.2168, 0.2143
Android (android.graphics.Color)	4281750661 (0xFF365485)
YUV	80.6160, 25.8253, -23.3422
Hunter-Lab	29.6966, 1.6635, -25.9440

Details

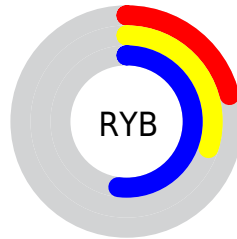
The YIQ color **80.6160, -33.6090, 8.8790** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **106.3840, 33.6090, -8.8790**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.2680, -32.5090, 10.9710**, and **32.9420, -37.6430, 4.8930** is the 20% darker color. If you saturate the color by 10%, you get **72.0330, -39.1570, 10.3070**, and if you desaturate by 10%, it is **89.1990, -28.0610, 7.4510**.

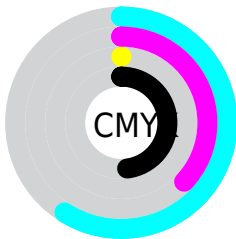
Distribution



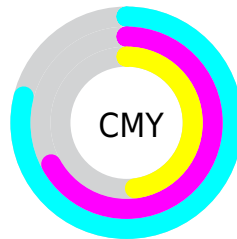
- Red (21%)
- Green (33%)
- Blue (52%)



- Red (21%)
- Yellow (30%)
- Blue (52%)



- Cyan (59%)
- Magenta (37%)
- Yellow (0%)
- Black (48%)



- Cyan (79%)
- Magenta (67%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 80.6160, -33.6090, 8.8790 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 80.6160, -33.6090, 8.8790 by changing the saturation by 10% instead.

■ 80.6160, -33.6090,
8.8790

■ 80.6160, -33.6090,
8.8790

■ 255.0000, -0.0000,
-0.0000

■ 55.4800, -36.2220,
6.6740

■ 131.2680,
-32.5090, 10.9710

■ 32.9420, -37.6430,
4.8930

■ 157.7950,
-32.5550, 11.8050

■ 17.9930, -24.4850,
8.7230

■ 185.0230,
-33.1970, 12.4270

■ 5.3920, -12.4270,
10.4610

■ 211.1990,
-28.0610, 7.4510

■ 2.1830, -4.7690,
3.8310

■ 236.3060,
-18.4770, -1.0450

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,

-1.6960

■ 80.6160, -33.6090,
8.8790

■ 80.6160, -33.6090,
8.8790

■ 72.0330, -39.1570,
10.3070

■ 89.1990, -28.0610,
7.4510

■ 63.1510, -45.3010,
11.5230

■ 98.0810, -21.9170,
6.2350

■ 53.9810, -50.5740,
13.4740

■ 107.2510,
-16.6440, 4.2840

■ 45.3980, -56.1220,
14.9020

■ 115.8340,
-11.0960, 2.8560

■ 45.0990, -56.7180,
14.6900

■ 124.4170, -5.5480,
1.4280

■ 133.2990, 0.5960,
0.2120

■ 142.4690, 5.8690,
-1.7390

■ 151.0520, 11.4170,
-3.1670

■ 159.9340, 17.5610,
-4.3830

Harmonies

Analogous

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



68.2370, -66.7550, -7.1630



80.6160, -33.6090, 8.8790



85.8650, -3.2130, 19.6910

Triad

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



80.6160, -33.6090, 8.8790



83.4580, 39.9330, 8.6770



71.5470, -30.3020, -23.5340

Complementary

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



80.6160, -33.6090, 8.8790



106.3840, 33.6090, -8.8790

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.



77.7540, -0.0880, -20.4400



80.6160, -33.6090, 8.8790



82.6170, 34.5710, -4.2850

Square

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



80.6160, -33.6090, 8.8790



84.6290, 35.4380, 18.5580



81.0510, 21.1850, -14.9990



66.6120, -55.2900, -22.2180

Rectangle

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



80.6160, -33.6090, 8.8790



86.2430, 13.3380, 22.6020



81.0510, 21.1850, -14.9990



74.5330, -18.5190, -22.3190

Sweetspot

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



80.6160, -33.6090, 8.8790



152.5780, -13.2510, 3.3650



105.9590, -37.4540, -26.0780



74.2750, -8.0240, 2.2480



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



80.6160, -33.6090, 8.8790



91.6110, -52.4080, 13.6720



65.6970, -19.9950, 26.4770



61.8580, -2.4760, 0.8200



43.5830, -55.2050, 14.8030



0.9290, -1.2380, 0.4100

Inverse Universe

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



81.0410, 37.4540, 26.0780



92.1350, 58.2210, 40.6930



121.3030, 19.9950, -26.4770



62.0220, 2.9340, 1.8940



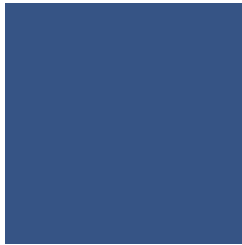
44.4560, 61.7510, 42.7990



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 80.6160, -33.6090, 8.8790 looks on a white 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 ✓ Pass

Black Background



This preview shows how the YIQ color 80.6160, -33.6090, 8.8790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.6160, -33.6090, 8.8790

Background



This preview shows how black text looks on a background with the YIQ color 80.6160, -33.6090, 8.8790.



This preview shows how white text looks on a background with the YIQ color 80.6160, -33.6090,

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

80.6160, -33.6090, 8.8790

Protanopia

82.5030, -25.8610, 11.6350

Deuteranopia

81.2140, -32.4170, 9.3030



Tritanopia

76.2500, -33.2390, -8.8470

Trichromacy



Original Color

80.6160, -33.6090, 8.8790

Protanomaly

82.0080, -28.8410, 10.5750

Deuteranomaly

80.9150, -33.0130, 9.0910

Tritanomaly

77.4660, -33.6070, -2.1750

Monochromacy



Original Color

80.6160, -33.6090, 8.8790

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.7630, -12.3340, 3.2660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.6160, -33.6090, 8.8790 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(54, 84, 133)` looks like.

```
.text, #text, p{  
    color:rgb(54, 84, 133)  
}
```

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(54, 84, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 84, 133) }
```

Border

The CSS property to change the border of an element to YIQ 80.6160, -33.6090, 8.8790 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(54, 84, 133) }
```


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

```
.border{ border-color:rgb(54, 84, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 84, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 84, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 84, 133);  
box-shadow:4px 4px 4px 4px rgb(54, 84,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 80.6160, -33.6090, 8.8790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 84, 133) }
```

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

```
.background{ background-color: rgb(54, 84,  
133) }
```

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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