

Converting Colors

YIQ(104.3410, -33.6120,
25.4600)

Have a look what the booklet for
YIQ(104.3410, -33.6120, 25.4600)
contains.

YIQ(104.3410, -33.6120, 25.4600)	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(104.3410, -33.6120,
25.4600)**

Conversions

Conversions Part 1

Format	Color
Hex	5861B9
RGB	88, 97, 185
RGB Percent	35%, 38%, 73%
CMY	0.6549, 0.6196, 0.2747
CMYK	0.52, 0.48, 0.00, 0.27
HSL	234°, 41%, 54%
HSV	234°, 52%, 73%
XYZ	17.0519, 14.1259, 47.6983
YIQ	104.3410, -33.6120, 25.4600

Conversions

Conversions Part 2

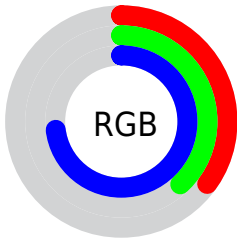
Format	Color
R_{YB}	88, 96, 185
Decimal	5792185
CIE _{Lab}	44.41, 21.60, -47.74
CIE _{LCh}	44, 52.394, 294.346
Yxy	14.1259, 0.2162, 0.1791
Android (android.graphics.Color)	4283982265 (0xFF5861B9)
YUV	104.3410, 39.7649, -14.3311
Hunter-Lab	37.5844, 15.2121, -48.9358

Details

The YIQ color $104.3410, -33.6120, 25.4600$ is a dark color, and the websafe version is hex $6666CC$. A complement of this color would be $168.6590, 33.6120, -25.4600$, and the grayscale version is $104.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $156.9330, -32.2830, 28.9090$, and $52.6450, -40.5800, 19.5800$ is the 20% darker color. If you saturate the color by 10%, you get $88.9800, -39.6650, 30.5350$, and if you desaturate by 10%, it is $120.0010, -26.9630, 20.5970$.

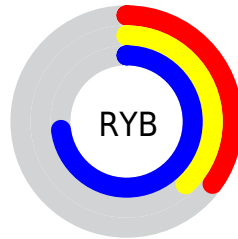
Distribution



Red (35%)

Green (38%)

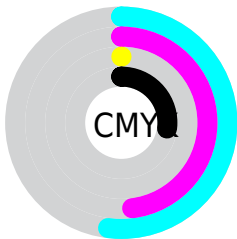
Blue (73%)



Red (35%)

Yellow (38%)

Blue (73%)

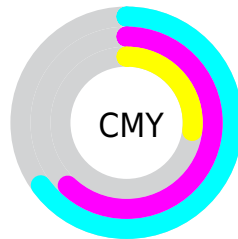


Cyan (52%)

Magenta (48%)

Yellow (0%)

Black (27%)



Cyan (65%)

Magenta (62%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.3410, -33.6120, 25.4600 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 104.3410, -33.6120, 25.4600 by changing the saturation by 10% instead.

■ 104.3410,
-33.6120, 25.4600

■ 104.3410,
-33.6120, 25.4600

■ 255.0000, -0.0000,
-0.0000

■ 78.5040, -35.6290,
23.4670

■ 156.9330,
-32.2830, 28.9090

■ 52.6450, -40.5800,
19.5800

■ 182.6360,
-27.1930, 24.7670

■ 29.5800, -41.9550,
16.9650

■ 207.1560,
-17.3340, 16.7940

■ 14.5170, -28.4760,
20.4840

■ 232.2630, -7.7500,
8.2980

■ 9.4330, -19.6720,
15.1120

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,

2.7990

■ 0.0000, 0.0000,
0.0000

■ 104.3410,
-33.6120, 25.4600

■ 104.3410,
-33.6120, 25.4600

■ 88.9800, -39.6650,
30.5350

■ 120.0010,
-26.9630, 20.5970

■ 73.3200, -46.3140,
35.3980

■ 135.3620,
-20.9100, 15.5220

■ 58.5460, -52.6420,
39.9500

■ 150.1360,
-14.5820, 10.9700

■ 42.8860, -59.2910,
44.8130

■ 165.7960, -7.9330,
6.1070

■ 31.0690, -64.0600,
48.6440

■ 181.1570, -1.8800,
1.0320

■ 196.8170, 4.7690,
-3.8310

■ 211.5910, 11.0970,
-8.3830

■ 227.2510, 17.7460,
-13.2460

■ 242.6120, 23.7990,
-18.3210

Harmonies

Analogous

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



88.2190, -92.7070, 0.6130



104.3410, -33.6120, 25.4600



107.5340, 17.5530, 39.8330

Triad

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



104.3410, -33.6120, 25.4600



101.2310, 65.1970, 2.3570



84.2050, -64.8700, -35.8300

Complementary

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



104.3410, -33.6120, 25.4600



168.6590, 33.6120, -25.4600

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.



84.6150, -34.1500, -41.9100



104.3410, -33.6120, 25.4600



98.4670, 51.7680, -24.1040

Square

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



104.3410, -33.6120, 25.4600



100.7810, 67.4850, 26.9810



94.8650, 20.8680, -36.7960



89.3350, -79.3150, -21.8350

Rectangle

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



104.3410, -33.6120, 25.4600



104.4030, 42.9070, 42.8990



94.8650, 20.8680, -36.7960



81.9080, -59.7800, -39.9720

Sweetspot

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



104.3410, -33.6120, 25.4600



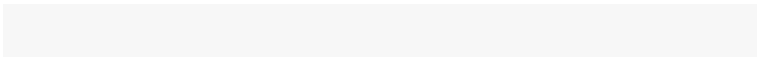
207.7940, -13.6190, 10.0370



154.8570, -54.6020, -23.6740



100.7960, -7.9330, 6.1070



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



104.3410, -33.6120, 25.4600



114.4320, -52.3210, 39.6390



110.7190, -7.8930, 38.4350



84.0260, -2.8890, 2.7990



26.0020, -53.9260, 41.1940



4.9530, -9.8130, 7.1390

Inverse Universe

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



118.0290, 54.9230, 23.3630



135.7450, 85.5020, 36.3660



162.2810, 7.8930, -38.4350



85.6910, 5.3640, 1.9080



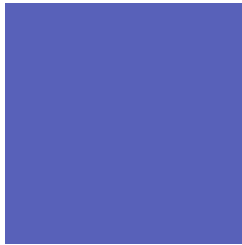
48.2400, 88.4820, 37.4260



8.7140, 15.7250, 6.8690

Previews

White Background



This preview shows how the YIQ color 104.3410, -33.6120, 25.4600 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 × Fail

Black Background



This preview shows how the YIQ color 104.3410, -33.6120, 25.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

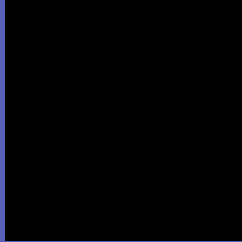
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.3410, -33.6120, 25.4600

Background



This preview shows how black text looks on a background with the YIQ color 104.3410, -33.6120, 25.4600.



This preview shows how white text looks on a background with the YIQ color 104.3410, -33.6120,

25.4600.

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

104.3410, -33.6120, 25.4600

Protanopia

100.0720, -52.0880, 18.8880

Deuteranopia

95.0440, -64.0530, 9.9550



Tritanopia

99.5710, -29.7090, -6.7410

Trichromacy



Original Color

104.3410, -33.6120, 25.4600

Protanomaly

101.3610, -45.5320, 21.2200

Deuteranomaly

98.4800, -53.4170, 15.4390

Tritanomaly

101.6500, -30.9490, 4.7230

Monochromacy



Original Color

104.3410, -33.6120, 25.4600

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.7510, -12.0600, 9.3160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3410, -33.6120, 25.4600 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(88, 97, 185)` looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 185)  
}
```

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(88, 97, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 185) }
```

Border

The CSS property to change the border of an element to YIQ 104.3410, -33.6120, 25.4600 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(88, 97, 185) }
```


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

```
.border{ border-color:rgb(88, 97, 185) }
```

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

Here you see how a box with a 4 pixel rgb(88, 97, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 185);  
box-shadow:4px 4px 4px 4px rgb(88, 97,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3410, -33.6120, 25.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 185) }
```

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

```
.background{ background-color: rgb(88, 97,  
185) }
```

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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