

Converting Colors

YIQ(118.7720, -68.1380,
34.4380)

Have a look what the booklet for
YIQ(118.7720, -68.1380, 34.4380)
contains.

YIQ(118.7720, -68.1380, 34.4380)	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(118.7720, -68.1380,
34.4380)**

Conversions

Conversions Part 1

Format	Color
Hex	4B73FD
RGB	75, 115, 253
RGB Percent	29%, 45%, 99%
CMY	0.7058, 0.5490, 0.0082
CMYK	0.70, 0.55, 0.00, 0.01
HSL	227°, 98%, 64%
HSV	227°, 70%, 99%
XYZ	26.7485, 20.8469, 95.4622
YIQ	118.7720, -68.1380, 34.4380

Conversions

Conversions Part 2

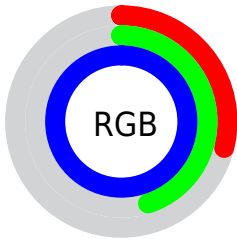
Format	Color
R _Y B	75, 108, 253
Decimal	4944893
CIE Lab	52.78, 31.19, -72.83
CIE LCh	53, 79.228, 293.182
Yxy	20.8469, 0.1870, 0.1457
Android (android.graphics.Color)	4283134973 (0xFF4B73FD)
YUV	118.7720, 66.1744, -38.3880
Hunter-Lab	45.6584, 24.6701, -92.0023

Details

The YIQ color **118.7720, -68.1380, 34.4380** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **209.2280, 68.1380, -34.4380**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **169.2690, -42.2770, 22.8030**, and **62.1460, -81.2950, 25.0810** is the 20% darker color. If you saturate the color by 10%, you get **99.5570, -77.5380, 39.5980**, and if you desaturate by 10%, it is **137.9870, -58.7380, 29.2780**.

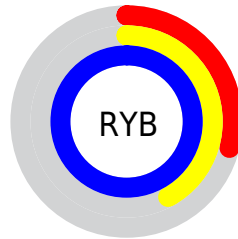
Distribution



Red (29%)

Green (45%)

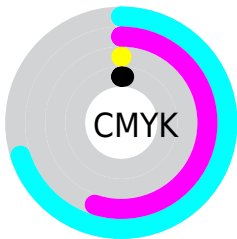
Blue (99%)



Red (29%)

Yellow (42%)

Blue (99%)

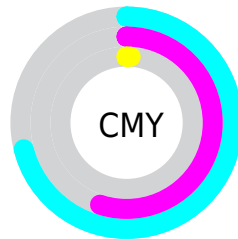


Cyan (70%)

Magenta (55%)

Yellow (0%)

Black (1%)



Cyan (71%)

Magenta (55%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.7720, -68.1380, 34.4380 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 118.7720, -68.1380, 34.4380 by changing the saturation by 10% instead.

■ 118.7720,
-68.1380, 34.4380

■ 118.7720,
-68.1380, 34.4380

■ 255.0000, -0.0000,
-0.0000

■ 86.1290, -82.6250,
27.1590

■ 169.2690,
-42.2770, 22.8030

■ 62.1460, -81.2950,
25.0810

■ 195.2730,
-30.9050, 14.9430

■ 46.6270, -66.5320,
27.3560

■ 220.3910,
-19.8540, 7.3940

■ 32.3960, -52.6400,
28.8960

■ 246.6830, -9.3530,
-1.2010

■ 16.5180, -38.2440,
32.3160

■ 17.0760, -31.5480,
21.0920

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.7530, -6.3740,
5.3860

■ 118.7720,
-68.1380, 34.4380

■ 118.7720,
-68.1380, 34.4380

■ 99.5570, -77.5380,
39.5980

■ 137.9870,
-58.7380, 29.2780

■ 80.6300, -87.8090,
44.0230

■ 156.9140,
-48.4670, 24.8530

■ 62.3010, -96.8880,
48.8720

■ 176.1290,
-39.0670, 19.6930

■ 194.7570,
-29.3920, 15.0560

■ 213.9720,
-19.9920, 9.8960

■ 233.4860, -9.9960,
4.9480

■ 252.1140, -0.3210,
0.3110

■ 254.7720, 0.6420,
-0.6220

Harmonies

Analogous

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



110.6630, -120.0800, 6.6080



118.7720, -68.1380, 34.4380



125.8350, 24.9760, 65.0080

Triad

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



118.7720, -68.1380, 34.4380



114.4680, 103.8940, 0.3900



102.7100, -77.0180, -46.9540

Complementary

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



118.7720, -68.1380, 34.4380



209.2280, 68.1380, -34.4380

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.



91.1110, -51.2470, -67.9750



118.7720, -68.1380, 34.4380



118.9000, 66.4860, -26.5220

Square

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



118.7720, -68.1380, 34.4380



105.7790, 106.4980, 52.3380



111.5040, 22.8420, -50.5500



111.2770, -99.7630, -25.7070

Rectangle

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



118.7720, -68.1380, 34.4380



113.6140, 68.4390, 75.7910



111.5040, 22.8420, -50.5500



99.3870, -69.0390, -53.8950

Sweetspot

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



118.7720, -68.1380, 34.4380



214.2000, -20.6340, 10.5180



194.9900, -92.6060, -50.7980



103.7570, -12.1970, 6.2910



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.



118.7720, -68.1380, 34.4380



93.5720, -81.8940, 41.4500



109.3450, -29.1260, 65.3220



118.2430, -4.9980, 2.4740



47.0150, -73.1360, 36.9120



15.5140, -24.3940, 12.5820

Inverse Universe

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



132.7820, 93.2480, 50.1760



110.4580, 112.1360, 60.2960



218.3560, 28.5300, -65.5340



119.2290, 6.7850, 3.6890



62.0110, 100.0330, 53.8650



20.7320, 33.6500, 17.9220

Previews

White Background



This preview shows how the YIQ color 118.7720, -68.1380, 34.4380 looks on a white background.

Color Contrast Check

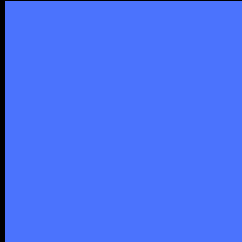
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.7720, -68.1380, 34.4380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

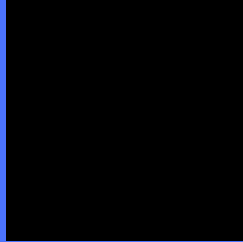
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 118.7720, -68.1380, 34.4380

Background



This preview shows how black text looks on a background with the YIQ color 118.7720, -68.1380, 34.4380.



This preview shows how white text looks on a background with the YIQ color 118.7720, -68.1380, 34.4380.

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

118.7720, -68.1380, 34.4380

Protanopia

104.8920, -104.1270, 20.3610

Deuteranopia

100.4440, -106.4620, 2.0980



Tritanopia

98.5790, -86.0540, -26.3580

Trichromacy



Original Color

118.7720, -68.1380, 34.4380

Protanomaly

109.8830, -90.7400, 25.5480

Deuteranomaly

106.8360, -92.5260, 13.8580

Tritanomaly

105.7010, -79.6850, -4.1090

Monochromacy



Original Color

118.7720, -68.1380, 34.4380

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2150, -24.9900, 12.3700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.7720, -68.1380, 34.4380 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(75, 115, 253)` looks like.

```
.text, #text, p{  
    color:rgb(75, 115, 253)  
}
```

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(75, 115, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 115, 253) }
```

Border

The CSS property to change the border of an element to YIQ 118.7720, -68.1380, 34.4380 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(75, 115, 253) }
```


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

```
.border{ border-color:rgb(75, 115, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 115, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 115, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 115, 253);  
box-shadow:4px 4px 4px 4px rgb(75, 115,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 118.7720, -68.1380, 34.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 115, 253) }
```

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

```
.background{ background-color: rgb(75, 115,  
253) }
```

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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