

Converting Colors

YIQ(135.3770, -68.8240,
24.8400)

Have a look what the booklet for
YIQ(135.3770, -68.8240, 24.8400)
contains.

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Color

**YIQ(135.3770, -68.8240,
24.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	558AFE
RGB	85, 138, 254
RGB Percent	33%, 54%, 100%
CMY	0.6667, 0.4587, 0.0043
CMYK	0.67, 0.46, 0.00, 0.00
HSL	221°, 99%, 66%
HSV	221°, 67%, 100%
XYZ	30.7114, 27.2639, 97.3320
YIQ	135.3770, -68.8240, 24.8400

Conversions

Conversions Part 2

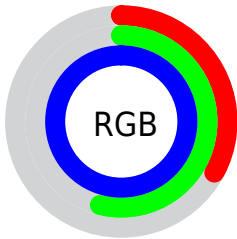
Format	Color
R _Y B	85, 125, 254
Decimal	5606142
CIE Lab	59.22, 18.89, -62.98
CIE LCh	59, 65.747, 286.695
Yxy	27.2639, 0.1977, 0.1755
Android (android.graphics.Color)	4283796222 (0xFF558AFE)
YUV	135.3770, 58.4811, -44.1806
Hunter-Lab	52.2149, 13.6128, -73.9702

Details

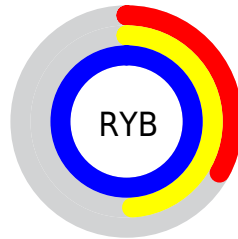
The YIQ color **135.3770, -68.8240, 24.8400** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **203.6230, 68.8240, -24.8400**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.0370, -44.9800, 11.2120**, and **74.5870, -87.3910, 14.4090** is the 20% darker color. If you saturate the color by 10%, you get **117.9230, -79.0490, 28.4310**, and if you desaturate by 10%, it is **152.8310, -58.5990, 21.2490**.

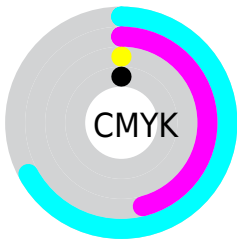
Distribution



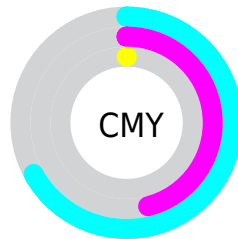
- Red (33%)
- Green (54%)
- Blue (100%)



- Red (33%)
- Yellow (49%)
- Blue (100%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (46%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.3770, -68.8240, 24.8400 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 135.3770, -68.8240, 24.8400 by changing the saturation by 10% instead.

■ 135.3770,
-68.8240, 24.8400

■ 135.3770,
-68.8240, 24.8400

■ 255.0000, -0.0000,
-0.0000

■ 105.4360,
-76.4800, 20.4160

■ 186.0370,
-44.9800, 11.2120

■ 74.5870, -87.3910,
14.4090

■ 211.7420,
-34.2040, 3.1400

■ 58.0080, -72.3990,
18.0410

■ 237.1480,
-24.0240, -5.1440

■ 42.6030, -57.9570,
20.6270

■ 251.1130, -7.7480,
-2.7560

■ 28.9590, -44.3400,
21.6440

■ 10.8470, -29.1650,
27.4670

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.9810, -7.0160,
6.0080

■ 135.3770,
-68.8240, 24.8400

■ 135.3770,
-68.8240, 24.8400

■ 117.9230,
-79.0490, 28.4310

■ 152.8310,
-58.5990, 21.2490

■ 99.5830, -89.5950,
32.3330

■ 171.1710,
-48.0530, 17.3470

■ 82.1290, -99.8200,
35.9240

■ 188.6250,
-37.8280, 13.7560

■ 75.9160,
-103.5340, 37.1540

■ 206.9650,
-27.2820, 9.8540

■ 224.4190,
-17.0570, 6.2630

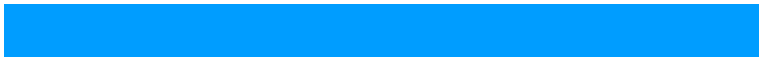
■ 242.4600, -7.1070,
2.1490

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



121.2290, -125.0300, -2.8060



135.3770, -68.8240, 24.8400



146.4810, 7.8770, 49.9970

Triad

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



135.3770, -68.8240, 24.8400



137.5330, 88.0740, 11.7700



111.6120, -82.7940, -52.4100

Complementary

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



135.3770, -68.8240, 24.8400



203.6230, 68.8240, -24.8400

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.



122.2230, -21.7230, -52.3710



135.3770, -68.8240, 24.8400



134.9890, 76.4810, -25.9430

Square

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



135.3770, -68.8240, 24.8400



136.3310, 86.9680, 42.8400



129.9100, 42.1900, -48.7700



119.0390, -102.3290, -34.2730

Rectangle

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



135.3770, -68.8240, 24.8400



143.3900, 44.9220, 55.9460



129.9100, 42.1900, -48.7700



108.1580, -75.8240, -57.5840

Sweetspot

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



135.3770, -68.8240, 24.8400



219.2060, -20.7710, 7.4930



197.3130, -83.3900, -52.6220



106.4040, -12.7010, 4.4110



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.



135.3770, -68.8240, 24.8400



111.8240, -83.0840, 29.9720



113.5350, -35.7730, 59.1310



118.8300, -5.2730, 1.9510



56.9940, -77.8110, 28.0210



19.0360, -26.0440, 9.4440

Inverse Universe

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



141.5730, 83.7110, 52.3110



119.2920, 101.0400, 63.1520



225.4650, 35.7730, -59.1310



119.3430, 6.4640, 4.0000



63.9490, 94.5760, 59.1520



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 135.3770, -68.8240, 24.8400 looks on a white background.

Color Contrast Check

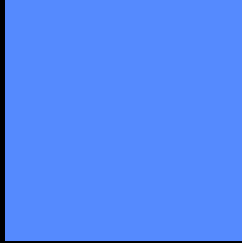
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.3770, -68.8240, 24.8400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

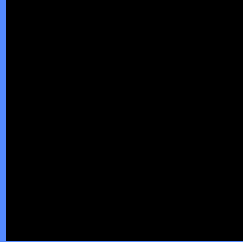
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

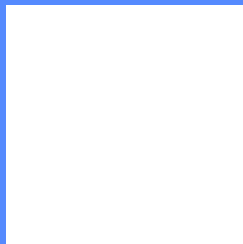
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.3770, -68.8240, 24.8400

Background



This preview shows how black text looks on a background with the YIQ color 135.3770, -68.8240, 24.8400.



This preview shows how white text looks on a background with the YIQ color 135.3770, -68.8240, 24.8400.

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

135.3770, -68.8240, 24.8400

Protanopia

135.6760, -68.2280, 25.0520

Deuteranopia

124.0200, -99.0360, 10.6920



Tritanopia

118.1170, -84.6330, -24.5770

Trichromacy



Original Color

135.3770, -68.8240, 24.8400

Protanomaly

135.6760, -68.2280, 25.0520

Deuteranomaly

128.3420, -88.0790, 15.8650

Tritanomaly

124.4190, -78.9510, -6.3990

Monochromacy



Original Color

135.3770, -68.8240, 24.8400

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.1070, -24.8060, 9.0340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.3770, -68.8240, 24.8400 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(85, 138, 254)` looks like.

```
.text, #text, p{  
    color:rgb(85, 138, 254)  
}
```

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(85, 138, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 138, 254) }
```

Border

The CSS property to change the border of an element to YIQ 135.3770, -68.8240, 24.8400 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(85, 138, 254) }
```


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

```
.border{ border-color:rgb(85, 138, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 138, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 138, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 138, 254);  
box-shadow:4px 4px 4px 4px rgb(85, 138,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 135.3770, -68.8240, 24.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 138, 254) }
```

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

```
.background{ background-color: rgb(85, 138,  
254) }
```

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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