

# Converting Colors

YIQ(119.4840, -67.2670,  
35.1730)

Have a look what the booklet for  
YIQ(119.4840, -67.2670, 35.1730)  
contains.

<b>YIQ(119.4840, -67.2670, 35.1730)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(119.4840, -67.2670,  
35.1730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D73FE
RGB	77, 115, 254
RGB Percent	30%, 45%, 100%
CMY	0.6980, 0.5490, 0.0043
CMYK	0.70, 0.55, 0.00, 0.00
HSL	227°, 99%, 65%
HSV	227°, 70%, 100%
XYZ	27.0672, 20.9926, 96.3111
YIQ	119.4840, -67.2670, 35.1730

# Conversions

## Conversions Part 2

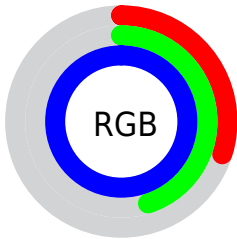
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	77, 108, 254
Decimal	5075966
CIE Lab	52.94, 31.80, -73.12
CIE LCh	53, 79.735, 293.501
Yxy	20.9926, 0.1875, 0.1454
Android (android.graphics.Color)	4283266046 (0xFF4D73FE)
YUV	119.4840, 66.3164, -37.2585
Hunter-Lab	45.8177, 25.2695, -92.5583

# Details

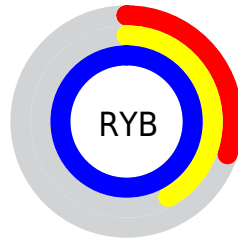
The YIQ color **119.4840, -67.2670, 35.1730** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle washed azure. A complement of this color would be **211.5160, 67.2670, -35.1730**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8670, -41.0850, 23.2270**, and **62.2600, -81.6160, 25.3920** is the 20% darker color. If you saturate the color by 10%, you get **100.2690, -76.6670, 40.3330**, and if you desaturate by 10%, it is **138.6990, -57.8670, 30.0130**.

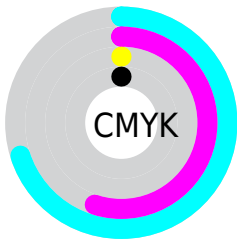
# Distribution



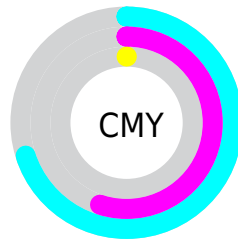
- Red (30%)
- Green (45%)
- Blue (100%)



- Red (30%)
- Yellow (42%)
- Blue (100%)



- Cyan (70%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (55%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 119.4840, -67.2670, 35.1730 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 119.4840, -67.2670, 35.1730 by changing the saturation by 10% instead.



■ 119.4840,  
-67.2670, 35.1730

■ 119.4840,  
-67.2670, 35.1730

■ 255.0000, -0.0000,  
-0.0000

■ 87.4390, -80.5620,  
28.3180

■ 170.4540,  
-41.3600, 22.7040

■ 62.2600, -81.6160,  
25.3920

■ 195.5720,  
-30.3090, 15.1550

■ 46.7410, -66.8530,  
27.6670

■ 220.6900,  
-19.2580, 7.6060

■ 32.5100, -52.9610,  
29.2070

■ 247.2810, -8.1610,  
-0.7770

■ 17.2190, -38.8400,  
32.1040

■ 17.1900, -31.8690,  
21.4030

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,  
11.4930

■ 2.8670, -6.6950,  
5.6970

■ 119.4840,  
-67.2670, 35.1730

■ 119.4840,  
-67.2670, 35.1730

■ 100.2690,  
-76.6670, 40.3330

■ 138.6990,  
-57.8670, 30.0130

■ 80.7550, -86.6630,  
45.2810

■ 158.2130,  
-47.8710, 25.0650

■ 61.5400, -96.0630,  
50.4410

■ 177.4280,  
-38.4710, 19.9050

■ 61.2410, -96.6590,  
50.2290

■ 196.9420,  
-28.4750, 14.9570

■ 216.1570,  
-19.0750, 9.7970

■ 235.3720, -9.6750,  
4.6370

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.



111.2500, -120.3550, 6.0850



119.4840, -67.2670, 35.1730



125.8460, 26.4430, 65.9550

# Triad

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



119.4840, -67.2670, 35.1730



114.4680, 103.8940, 0.3900



102.8240, -77.3390, -46.6430

# Complementary

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



119.4840, -67.2670, 35.1730



211.5160, 67.2670, -35.1730

# 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.



91.2250, -51.5680, -67.6640



119.4840, -67.2670, 35.1730



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.



119.4840, -67.2670, 35.1730



105.4910, 107.3690, 53.0730



111.7920, 21.9710, -51.2850



112.0920, -100.6800, -25.6080



# Rectangle

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



119.4840, -67.2670, 35.1730



112.7390, 69.5850, 77.0490



111.7920, 21.9710, -51.2850



99.5010, -69.3600, -53.5840

# Sweetspot

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



119.4840, -67.2670, 35.1730



214.2000, -20.6340, 10.5180



196.7450, -93.2940, -49.3420



103.1700, -11.9220, 6.8140



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.



119.4840, -67.2670, 35.1730



92.3980, -81.3440, 42.4960



112.1280, -27.0170, 65.6470



117.6560, -4.7230, 2.9970



45.8410, -72.5860, 37.9580



15.5140, -24.3940, 12.5820



# Inverse Universe

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



134.2550, 93.2940, 49.3420



110.2300, 112.7780, 59.6740



218.8720, 27.0170, -65.6470



119.1150, 7.1060, 3.3780



61.7830, 100.6750, 53.2430



20.7320, 33.6500, 17.9220



# Previews

## White Background



This preview shows how the YIQ color 119.4840, -67.2670, 35.1730 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

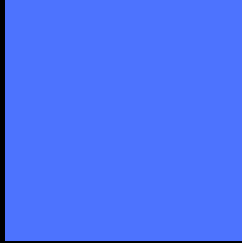
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 119.4840, -67.2670, 35.1730 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

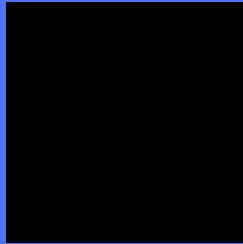
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 119.4840, -67.2670, 35.1730

## Background



This preview shows how black text looks on a background with the YIQ color 119.4840, -67.2670, 35.1730.



This preview shows how white text looks on a background with the YIQ color 119.4840, -67.2670,



# 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

119.4840, -67.2670, 35.1730

### Protanopia

106.9740, -101.4220, 20.8980

### Deuteranopia

100.5580, -106.7830, 2.4090



## Tritanopia

98.6930, -86.3750, -26.0470

# Trichromacy



## Original Color

119.4840, -67.2670, 35.1730

## Protanomaly

111.7800, -88.9520, 26.1840

## Deuteranomaly

107.2490, -92.2510, 14.3810

## Tritanomaly

106.1140, -79.4100, -3.5860

# Monochromacy



## Original Color

119.4840, -67.2670, 35.1730

## Achromatopsia

119.0000, -0.0000, 0.0000

## Achromatomaly

119.5140, -24.3940, 12.5820

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 119.4840, -67.2670, 35.1730 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(77, 115, 254)` looks like.

```
.text, #text, p{  
    color:rgb(77, 115, 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(77, 115, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 115, 254) }
```

## Border

The CSS property to change the border of an element to YIQ 119.4840, -67.2670, 35.1730 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(77, 115, 254) }
```



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

```
.border{ border-color:rgb(77, 115, 254) }
```

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

Here you see how a box with a 4 pixel rgb(77, 115, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 115, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 115, 254);  
box-shadow:4px 4px 4px 4px rgb(77, 115,  
254) }
```

# Background

The CSS property to change the background color of an element to YIQ 119.4840, -67.2670, 35.1730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 115, 254) }
```

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

```
.background{ background-color: rgb(77, 115,  
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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