

Converting Colors

YIQ(135.6230, -69.8770,
16.3870)

Have a look what the booklet for
YIQ(135.6230, -69.8770, 16.3870)
contains.

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Color

**YIQ(135.6230, -69.8770,
16.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	4F90F1
RGB	79, 144, 241
RGB Percent	31%, 56%, 95%
CMY	0.6903, 0.4352, 0.0553
CMYK	0.67, 0.40, 0.00, 0.06
HSL	216°, 85%, 63%
HSV	216°, 67%, 94%
XYZ	29.0636, 27.9616, 87.0140
YIQ	135.6230, -69.8770, 16.3870

Conversions

Conversions Part 2

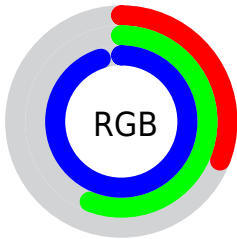
Format	Color
R _Y B	79, 125, 241
Decimal	5214449
CIE Lab	59.85, 9.90, -54.82
CIE LCh	60, 55.701, 280.234
Yxy	27.9616, 0.2018, 0.1941
Android (android.graphics.Color)	4283404529 (0xFF4F90F1)
YUV	135.6230, 51.9509, -49.6584
Hunter-Lab	52.8787, 5.5708, -60.5489

Details

The YIQ color **135.6230, -69.8770, 16.3870** is a light color, and the websafe version is hex **6699FF**. The color can be described as light washed azure. A complement of this color would be **184.3770, 69.8770, -16.3870**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.4660, -50.8020, 6.5900**, and **76.1540, -84.9140, 8.0620** is the 20% darker color. If you saturate the color by 10%, you get **120.2290, -80.3310, 18.6210**, and if you desaturate by 10%, it is **151.0170, -59.4230, 14.1530**.

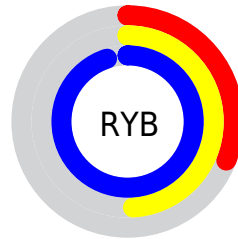
Distribution



Red (31%)

Green (56%)

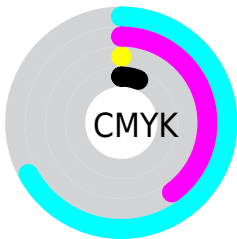
Blue (95%)



Red (31%)

Yellow (49%)

Blue (95%)

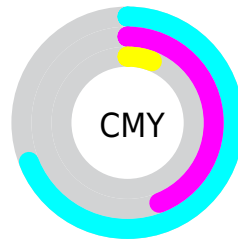


Cyan (67%)

Magenta (40%)

Yellow (0%)

Black (6%)



Cyan (69%)

Magenta (44%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6230, -69.8770, 16.3870 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 135.6230, -69.8770, 16.3870 by changing the saturation by 10% instead.

■ 135.6230,
-69.8770, 16.3870

■ 135.6230,
-69.8770, 16.3870

■ 255.0000, -0.0000,
-0.0000

■ 105.3830,
-78.1290, 11.7510

■ 187.4660,
-50.8020, 6.5900

■ 76.1540, -84.9140,
8.0620

■ 213.1710,
-40.0260, -1.4820

■ 59.5750, -69.9220,
11.6940

■ 239.1640,
-30.1210, -10.2890

■ 44.1700, -55.4800,
14.2800

■ 249.0200,
-11.9200, -4.2400

■ 29.4660, -41.6340,
16.6540

■ 10.8810, -26.5050,
23.3110

■ 9.3190, -19.3510,

14.8010

■ 4.9360, -11.1430,
9.2170

■ 0.7980, -2.2470,
2.1770

■ 135.6230,
-69.8770, 16.3870

■ 135.6230,
-69.8770, 16.3870

■ 120.2290,
-80.3310, 18.6210

■ 151.0170,
-59.4230, 14.1530

■ 104.2480,
-90.5100, 21.3780

■ 166.9980,
-49.2440, 11.3960

■ 88.8540,
-100.9640, 23.6120

■ 182.3920,
-38.7900, 9.1620

■ 84.4130,
-104.0360, 24.2200

■ 198.3730,
-28.6110, 6.4050

■ 213.7670,
-18.1570, 4.1710

■ 230.0470, -7.3820,
1.6260

■ 245.4410, 3.0720,
-0.6080

■ 253.4040, 4.4940,
-4.3540

Harmonies

Analogous

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



119.6500, -119.2060, -9.2380



135.6230, -69.8770, 16.3870



148.3990, -3.9960, 39.3960

Triad

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



135.6230, -69.8770, 16.3870



141.8940, 76.9320, 15.4600



109.8680, -80.6390, -52.9190

Complementary

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



135.6230, -69.8770, 16.3870



184.3770, 69.8770, -16.3870

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.



130.9420, -4.3940, -41.5300



135.6230, -69.8770, 16.3870



140.6850, 66.2540, -11.2980

Square

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



135.6230, -69.8770, 16.3870



142.7850, 70.8300, 37.9500



136.9660, 39.7570, -32.2030



116.8560, -97.5600, -38.1040

Rectangle

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



135.6230, -69.8770, 16.3870



148.2690, 28.7850, 45.5290



136.9660, 39.7570, -32.2030



120.9230, -46.9410, -46.8850

Sweetspot

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



135.6230, -69.8770, 16.3870



221.5540, -21.8710, 5.4010



184.8100, -74.7240, -55.4920



107.5780, -13.2510, 3.3650



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.



135.6230, -69.8770, 16.3870



120.3190, -89.2720, 20.9680



101.3550, -44.2540, 53.1380



112.3030, -5.2270, 1.1170



64.4140, -79.4140, 18.5220



19.8850, -24.3010, 5.3870

Inverse Universe

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



134.8480, 75.6870, 54.5590



119.3550, 96.7290, 69.6970



218.3460, 43.6580, -53.3500



112.1580, 5.5470, 4.0990



63.4520, 85.9100, 62.0220



19.3660, 25.9930, 19.0250

Previews

White Background



This preview shows how the YIQ color 135.6230, -69.8770, 16.3870 looks on a white background.

Color Contrast Check

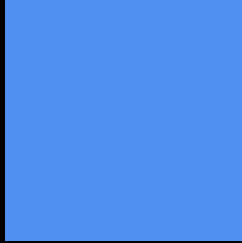
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6230, -69.8770, 16.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

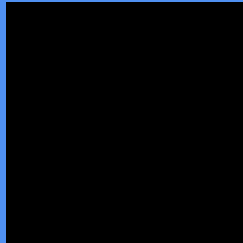
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

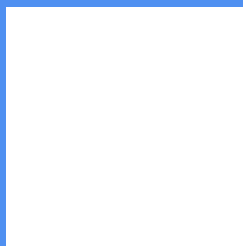
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 135.6230, -69.8770, 16.3870

Background



This preview shows how black text looks on a background with the YIQ color 135.6230, -69.8770, 16.3870.



This preview shows how white text looks on a background with the YIQ color 135.6230, -69.8770,

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

135.6230, -69.8770, 16.3870

Protanopia

140.2940, -52.5930, 22.5350

Deuteranopia

134.7260, -71.6650, 15.7510



Tritanopia

121.6120, -81.6530, -23.5170

Trichromacy



Original Color

135.6230, -69.8770, 16.3870

Protanomaly

138.3040, -58.5530, 20.4150

Deuteranomaly

135.0250, -71.0690, 15.9630

Tritanomaly

126.9090, -77.5750, -9.3110

Monochromacy



Original Color

135.6230, -69.8770, 16.3870

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.8140, -25.5390, 5.7970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.6230, -69.8770, 16.3870 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(79, 144, 241)` looks like.

```
.text, #text, p{  
    color:rgb(79, 144, 241)  
}
```

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(79, 144, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 144, 241) }
```

Border

The CSS property to change the border of an element to YIQ 135.6230, -69.8770, 16.3870 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(79, 144, 241) }
```


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

```
.border{ border-color:rgb(79, 144, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 144, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 144, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 144, 241);  
box-shadow:4px 4px 4px 4px rgb(79, 144,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6230, -69.8770, 16.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 144, 241) }
```

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

```
.background{ background-color: rgb(79, 144,  
241) }
```

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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