

Converting Colors

YIQ(134.4870, -63.3220,
24.2460)

Have a look what the booklet for
YIQ(134.4870, -63.3220, 24.2460)
contains.

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Color

**YIQ(134.4870, -63.3220,
24.2460)**

Conversions

Conversions Part 1

Format	Color
Hex	5988F6
RGB	89, 136, 246
RGB Percent	35%, 53%, 96%
CMY	0.6510, 0.4666, 0.0356
CMYK	0.64, 0.45, 0.00, 0.04
HSL	222°, 90%, 66%
HSV	222°, 64%, 96%
XYZ	29.5471, 26.3858, 90.6554
YIQ	134.4870, -63.3220, 24.2460

Conversions

Conversions Part 2

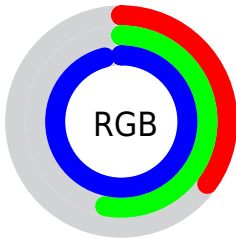
Format	Color
R _Y B	89, 125, 246
Decimal	5867766
CIE Lab	58.40, 18.01, -59.87
CIE LCh	58, 62.525, 286.746
Yxy	26.3858, 0.2016, 0.1800
Android (android.graphics.Color)	4284057846 (0xFF5988F6)
YUV	134.4870, 54.9759, -39.8921
Hunter-Lab	51.3671, 12.7833, -68.6811

Details

The YIQ color **134.4870, -63.3220, 24.2460** 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 **200.5130, 63.3220, -24.2460**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.4610, -43.2380, 12.6820**, and **72.6150, -84.5940, 13.2780** is the 20% darker color. If you saturate the color by 10%, you get **117.0330, -73.5470, 27.8370**, and if you desaturate by 10%, it is **151.9410, -53.0970, 20.6550**.

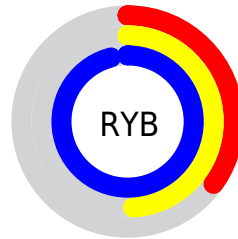
Distribution



Red (35%)

Green (53%)

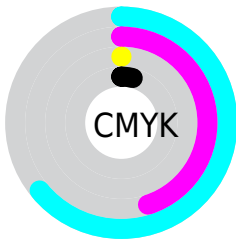
Blue (96%)



Red (35%)

Yellow (49%)

Blue (96%)

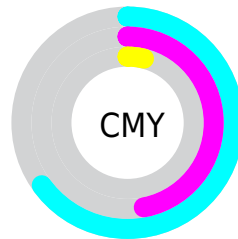


Cyan (64%)

Magenta (45%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (47%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.4870, -63.3220, 24.2460 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 134.4870, -63.3220, 24.2460 by changing the saturation by 10% instead.

■ 134.4870,
-63.3220, 24.2460

■ 134.4870,
-63.3220, 24.2460

■ 255.0000, -0.0000,
-0.0000

■ 105.4430,
-69.1900, 20.4580

■ 185.4610,
-43.2380, 12.6820

■ 72.6150, -84.5940,
13.2780

■ 210.2800,
-32.7830, 4.9210

■ 55.9220, -69.2810,
16.5990

■ 236.5720,
-22.2820, -3.6740

■ 40.5170, -54.8390,
19.1850

■ 251.4120, -7.1520,
-2.5440

■ 26.9870, -41.5430,
20.5130

■ 11.3370, -27.7890,
24.5550

■ 10.2480, -20.5890,

15.2110

■ 5.3920, -12.4270,
10.4610

■ 2.0690, -4.4480,
3.5200

■ 134.4870,
-63.3220, 24.2460

■ 134.4870,
-63.3220, 24.2460

■ 117.0330,
-73.5470, 27.8370

■ 151.9410,
-53.0970, 20.6550

■ 99.8780, -83.1760,
31.6400

■ 169.0960,
-43.4680, 16.8520

■ 81.8370, -93.1260,
35.7540

■ 187.1370,
-33.5180, 12.7380

■ 71.4820, -99.3160,
37.8040

■ 204.2920,
-23.8890, 8.9350

■ 221.7460,
-13.6640, 5.3440

■ 239.2000, -3.4390,
1.7530

■ 253.9740, 2.8890,
-2.7990

Harmonies

Analogous

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



118.5560, -121.6370, -3.7250



134.4870, -63.3220, 24.2460



144.4870, 7.7400, 46.9720

Triad

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



134.4870, -63.3220, 24.2460



135.9670, 83.8560, 11.1200



109.7370, -81.6480, -51.1520

Complementary

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



134.4870, -63.3220, 24.2460



200.5130, 63.3220, -24.2460

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.



121.7010, -20.0730, -49.2330



134.4870, -63.3220, 24.2460



133.9870, 70.7950, -22.0130

Square

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



134.4870, -63.3220, 24.2460



135.2980, 82.5670, 39.9990



129.0330, 37.6500, -43.5820



116.8220, -100.2200, -33.9480

Rectangle

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



134.4870, -63.3220, 24.2460



142.0260, 42.9510, 53.1190



129.0330, 37.6500, -43.5820



106.5110, -75.3200, -55.7040

Sweetspot

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



134.4870, -63.3220, 24.2460



220.6900, -19.2580, 7.6060



193.6990, -78.4850, -47.9010



106.7030, -12.1050, 4.6230



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.



134.4870, -63.3220, 24.2460



115.3900, -78.8660, 30.6220



116.1670, -31.9210, 55.3990



113.7160, -4.9520, 1.6400



54.0760, -75.1060, 28.5580



17.2920, -23.8890, 8.9350

Inverse Universe

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



141.3010, 78.4850, 47.9010



124.2160, 98.1980, 59.5900



218.8330, 31.9210, -55.3990



114.0440, 5.8680, 3.7880



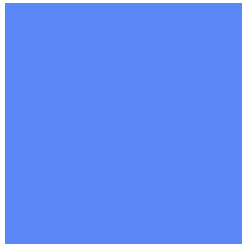
61.9980, 92.8800, 56.8480



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 134.4870, -63.3220, 24.2460 looks on a white background.

Color Contrast Check

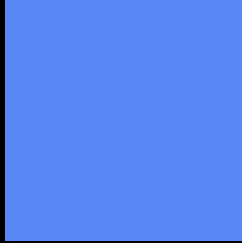
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.4870, -63.3220, 24.2460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

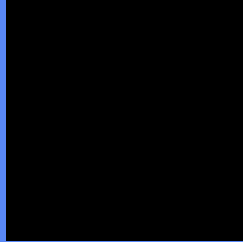
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

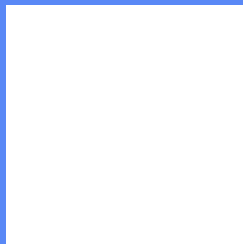
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.4870, -63.3220, 24.2460

Background



This preview shows how black text looks on a background with the YIQ color 134.4870, -63.3220, 24.2460.



This preview shows how white text looks on a background with the YIQ color 134.4870, -63.3220, 24.2460.

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

134.4870, -63.3220, 24.2460

Protanopia

134.4870, -63.3220, 24.2460

Deuteranopia

126.5330, -87.2990, 12.7410



Tritanopia

122.4780, -69.4120, -19.5880

Trichromacy



Original Color

134.4870, -63.3220, 24.2460

Protanomaly

134.4870, -63.3220, 24.2460

Deuteranomaly

129.5450, -78.4050, 16.7550

Tritanomaly

126.4590, -67.2600, -3.5160

Monochromacy



Original Color

134.4870, -63.3220, 24.2460

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.4770, -22.9720, 8.8360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.4870, -63.3220, 24.2460 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(89, 136, 246)` looks like.

```
.text, #text, p{  
    color:rgb(89, 136, 246)  
}
```

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(89, 136, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 136, 246) }
```

Border

The CSS property to change the border of an element to YIQ 134.4870, -63.3220, 24.2460 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(89, 136, 246) }
```


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

```
.border{ border-color:rgb(89, 136, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 136, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 136, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 136, 246);  
box-shadow:4px 4px 4px 4px rgb(89, 136,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 134.4870, -63.3220, 24.2460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 136, 246) }
```

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

```
.background{ background-color: rgb(89, 136,  
246) }
```

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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