

Converting Colors

YIQ(134.1920, -69.7410,
24.9390)

Have a look what the booklet for
YIQ(134.1920, -69.7410, 24.9390)
contains.

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Color

**YIQ(134.1920, -69.7410,
24.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	5389FE
RGB	83, 137, 254
RGB Percent	33%, 54%, 100%
CMY	0.6745, 0.4627, 0.0043
CMYK	0.67, 0.46, 0.00, 0.00
HSL	221°, 99%, 66%
HSV	221°, 67%, 100%
XYZ	30.3893, 26.8860, 97.2751
YIQ	134.1920, -69.7410, 24.9390

Conversions

Conversions Part 2

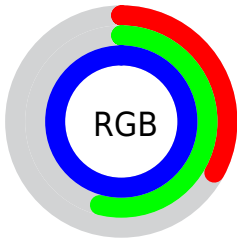
Format	Color
R _{YB}	83, 124, 254
Decimal	5474814
CIE _{Lab}	58.87, 19.19, -63.54
CIE _{LCh}	59, 66.375, 286.804
Yxy	26.8860, 0.1966, 0.1740
Android (android.graphics.Color)	4283664894 (0xFF5389FE)
YUV	134.1920, 59.0653, -44.8954
Hunter-Lab	51.8517, 13.8752, -74.9334

Details

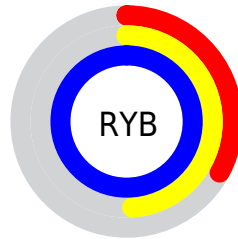
The YIQ color **134.1920, -69.7410, 24.9390** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **202.8080, 69.7410, -24.9390**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.8520, -45.8970, 11.3110**, and **74.0000, -87.1160, 14.9320** is the 20% darker color. If you saturate the color by 10%, you get **116.7380, -79.9660, 28.5300**, and if you desaturate by 10%, it is **151.6460, -59.5160, 21.3480**.

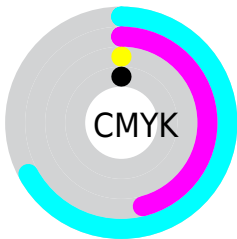
Distribution



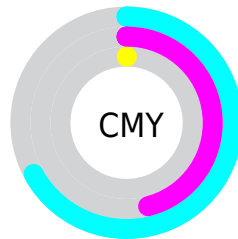
- Red (33%)
- Green (54%)
- Blue (100%)



- 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 134.1920, -69.7410, 24.9390 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 134.1920, -69.7410, 24.9390 by changing the saturation by 10% instead.

■ 134.1920,
-69.7410, 24.9390

■ 134.1920,
-69.7410, 24.9390

■ 255.0000, -0.0000,
-0.0000

■ 103.6530,
-78.5890, 20.0910

■ 184.8520,
-45.8970, 11.3110

■ 74.0000, -87.1160,
14.9320

■ 210.5570,
-35.1210, 3.2390

■ 57.4210, -72.1240,
18.5640

■ 236.2620,
-24.3450, -4.8330

■ 42.6030, -57.9570,
20.6270

■ 250.8140, -8.3440,
-2.9680

■ 28.3720, -44.0650,
22.1670

■ 11.4340, -29.4400,
26.9440

■ 11.5190, -22.7900,

16.5540

■ 6.5490, -14.3070,
11.4930

■ 2.9810, -7.0160,
6.0080

■ 134.1920,
-69.7410, 24.9390

■ 134.1920,
-69.7410, 24.9390

■ 116.7380,
-79.9660, 28.5300

■ 151.6460,
-59.5160, 21.3480

■ 98.3980, -90.5120,
32.4320

■ 169.9860,
-48.9700, 17.4460

■ 80.9440,
-100.7370, 36.0230

■ 187.4400,
-38.7450, 13.8550

■ 75.9160,
-103.5340, 37.1540

■ 205.1930,
-27.9240, 10.4760

■ 223.2340,
-17.9740, 6.3620

■ 240.6880, -7.7490,
2.7710

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.



120.6420, -124.7550, -2.2830



134.1920, -69.7410, 24.9390



145.7800, 8.4730, 50.2090

Triad

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



134.1920, -69.7410, 24.9390



136.1310, 89.2660, 12.1940



110.9110, -82.1980, -52.1980

Complementary

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



134.1920, -69.7410, 24.9390



202.8080, 69.7410, -24.9390

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.



120.8100, -21.9980, -52.8940



134.1920, -69.7410, 24.9390



133.4190, 78.0860, -27.4980

Square

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



134.1920, -69.7410, 24.9390



134.6300, 87.5640, 43.0520



129.0240, 41.8690, -48.4590



119.0390, -102.3290, -34.2730

Rectangle

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



134.1920, -69.7410, 24.9390



142.2160, 45.4720, 56.9920



129.0240, 41.8690, -48.4590



107.4570, -75.2280, -57.3720

Sweetspot

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



134.1920, -69.7410, 24.9390



219.2060, -20.7710, 7.4930



196.7150, -84.5820, -53.0460



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.



134.1920, -69.7410, 24.9390



110.3400, -84.5970, 29.8590



111.7630, -36.4150, 59.7530



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.



140.2850, 84.5820, 53.0460



117.4170, 102.1860, 64.4100



225.2370, 36.4150, -59.7530



119.3430, 6.4640, 4.0000



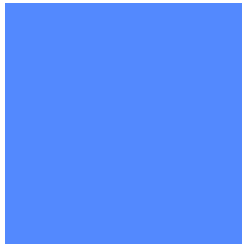
63.9490, 94.5760, 59.1520



21.4160, 31.7240, 19.7880

Previews

White Background



This preview shows how the YIQ color 134.1920, -69.7410, 24.9390 looks on a white background.

Color Contrast Check

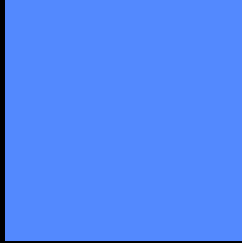
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.1920, -69.7410, 24.9390 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

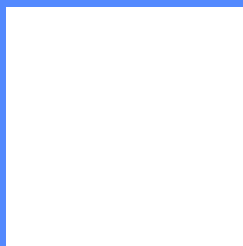
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.1920, -69.7410, 24.9390

Background



This preview shows how black text looks on a background with the YIQ color 134.1920, -69.7410, 24.9390.



This preview shows how white text looks on a background with the YIQ color 134.1920, -69.7410,

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

134.1920, -69.7410, 24.9390

Protanopia

134.4910, -69.1450, 25.1510

Deuteranopia

120.7420, -104.1250, 9.3070



Tritanopia

110.8380, -97.1490, -29.0290

Trichromacy



Original Color

134.1920, -69.7410, 24.9390

Protanomaly

134.4910, -69.1450, 25.1510

Deuteranomaly

125.6620, -91.9760, 14.9040

Tritanomaly

119.2330, -87.2950, -9.3670

Monochromacy



Original Color

134.1920, -69.7410, 24.9390

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9220, -25.7230, 9.1330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.1920, -69.7410, 24.9390 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(83, 137, 254)` looks like.

```
.text, #text, p{  
    color:rgb(83, 137, 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(83, 137, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 137, 254) }
```

Border

The CSS property to change the border of an element to YIQ 134.1920, -69.7410, 24.9390 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(83, 137, 254) }
```


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

```
.border{ border-color:rgb(83, 137, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 137, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 137, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 137, 254);  
box-shadow:4px 4px 4px 4px rgb(83, 137,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 134.1920, -69.7410, 24.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 137, 254) }
```

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

```
.background{ background-color: rgb(83, 137,  
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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