

Converting Colors

YIQ(134.9980, -66.4390,
20.1610)

Have a look what the booklet for
YIQ(134.9980, -66.4390, 20.1610)
contains.

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Color

**YIQ(134.9980, -66.4390,
20.1610)**

Conversions

Conversions Part 1

Format	Color
Hex	548CF3
RGB	84, 140, 243
RGB Percent	33%, 55%, 95%
CMY	0.6706, 0.4509, 0.0474
CMYK	0.65, 0.42, 0.00, 0.05
HSL	219°, 87%, 64%
HSV	219°, 65%, 95%
XYZ	29.2006, 27.1129, 88.4190
YIQ	134.9980, -66.4390, 20.1610

Conversions

Conversions Part 2

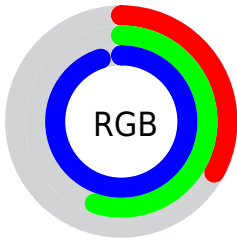
Format	Color
R _Y B	84, 125, 243
Decimal	5541107
CIE Lab	59.08, 13.77, -57.15
CIE LCh	59, 58.780, 283.544
Yxy	27.1129, 0.2018, 0.1873
Android (android.graphics.Color)	4283731187 (0xFF548CF3)
YUV	134.9980, 53.2450, -44.7252
Hunter-Lab	52.0701, 8.9791, -64.2299

Details

The YIQ color **134.9980, -66.4390, 20.1610** 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 **192.0020, 66.4390, -20.1610**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.3140, -47.3180, 9.5300**, and **74.6210, -84.7310, 10.2530** is the 20% darker color. If you saturate the color by 10%, you get **118.4300, -76.3430, 23.4410**, and if you desaturate by 10%, it is **151.5660, -56.5350, 16.8810**.

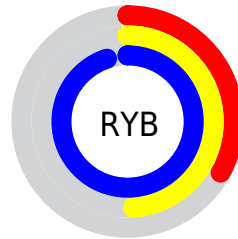
Distribution



Red (33%)

Green (55%)

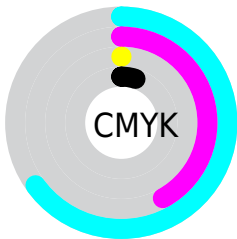
Blue (95%)



Red (33%)

Yellow (49%)

Blue (95%)

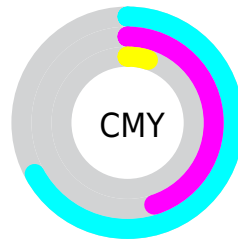


Cyan (65%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (67%)

Magenta (45%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.9980, -66.4390, 20.1610 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 134.9980, -66.4390, 20.1610 by changing the saturation by 10% instead.

■ 134.9980,
-66.4390, 20.1610

■ 134.9980,
-66.4390, 20.1610

■ 255.0000, -0.0000,
-0.0000

■ 105.6550,
-72.9030, 16.1610

■ 186.3140,
-47.3180, 9.5300

■ 74.6210, -84.7310,
10.2530

■ 212.0190,
-36.5420, 1.4580

■ 58.0420, -69.7390,
13.8850

■ 237.4250,
-26.3620, -6.8260

■ 42.6370, -55.2970,
16.4710

■ 250.2160, -9.5360,
-3.3920

■ 28.5200, -41.7260,
18.3220

■ 10.9950, -26.8260,
23.6220

■ 9.4330, -19.6720,

15.1120

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,
2.7990

■ 134.9980,
-66.4390, 20.1610

■ 134.9980,
-66.4390, 20.1610

■ 118.4300,
-76.3430, 23.4410

■ 151.5660,
-56.5350, 16.8810

■ 102.1500,
-87.1180, 25.9860

■ 167.8460,
-45.7600, 14.3360

■ 85.5820, -97.0220,
29.2660

■ 184.4140,
-35.8560, 11.0560

■ 78.1840,
-101.6530, 30.5950

■ 200.9820,
-25.9520, 7.7760

■ 217.5500,
-16.0480, 4.4960

■ 233.8300, -5.2730,
1.9510

■ 250.3980, 4.6310,
-1.3290

■ 253.6320, 3.8520,
-3.7320

Harmonies

Analogous

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



119.0460, -120.2610, -6.6370



134.9980, -66.4390, 20.1610



146.4430, 1.8720, 43.1840

Triad

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



134.9980, -66.4390, 20.1610



138.6940, 80.3710, 13.7070



109.5090, -81.0060, -51.7740

Complementary

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



134.9980, -66.4390, 20.1610



192.0020, 66.4390, -20.1610

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.



126.7130, -11.1790, -45.2190



134.9980, -66.4390, 20.1610



137.2350, 67.4010, -15.5670

Square

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



134.9980, -66.4390, 20.1610



138.9490, 76.2400, 39.0240



133.4340, 38.1990, -37.0090



116.8390, -98.8900, -36.0260

Rectangle

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



134.9980, -66.4390, 20.1610



145.0850, 35.2950, 48.6950



133.4340, 38.1990, -37.0090



106.3970, -74.9990, -56.0150

Sweetspot

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



134.9980, -66.4390, 20.1610



220.3800, -21.3210, 6.4470



188.8470, -76.1460, -51.7460



106.9910, -12.9760, 3.8880



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.



134.9980, -66.4390, 20.1610



118.5910, -84.0460, 25.3780



108.4050, -38.5230, 53.9010



113.7160, -4.9520, 1.6400



59.9460, -77.8560, 23.3280



19.0530, -24.7140, 7.3660

Inverse Universe

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



137.9250, 76.7880, 51.1240



122.1930, 97.0050, 64.6930



218.5950, 38.5230, -53.9010



114.0440, 5.8680, 3.7880



63.1380, 89.6700, 59.9580



20.0350, 28.4230, 19.0390

Previews

White Background



This preview shows how the YIQ color 134.9980, -66.4390, 20.1610 looks on a white background.

Color Contrast Check

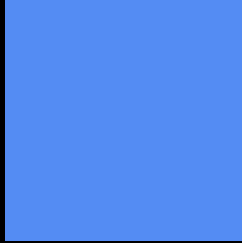
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.9980, -66.4390, 20.1610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

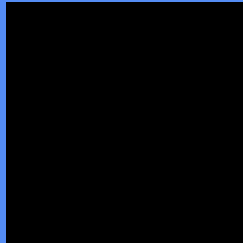
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

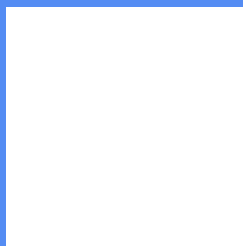
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 134.9980, -66.4390, 20.1610

Background



This preview shows how black text looks on a background with the YIQ color 134.9980, -66.4390, 20.1610.



This preview shows how white text looks on a background with the YIQ color 134.9980, -66.4390,

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

134.9980, -66.4390, 20.1610

Protanopia

137.4830, -57.4990, 23.3410

Deuteranopia

130.9640, -78.2670, 14.2530



Tritanopia

121.9010, -75.0970, -21.1850

Trichromacy



Original Color

134.9980, -66.4390, 20.1610

Protanomaly

136.6890, -61.0750, 22.0690

Deuteranomaly

132.4700, -73.8200, 16.2600

Tritanomaly

126.5400, -71.9820, -6.0460

Monochromacy



Original Color

134.9980, -66.4390, 20.1610

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9390, -24.3930, 7.0550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9980, -66.4390, 20.1610 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(84, 140, 243)` looks like.

```
.text, #text, p{  
    color:rgb(84, 140, 243)  
}
```

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(84, 140, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 140, 243) }
```

Border

The CSS property to change the border of an element to YIQ 134.9980, -66.4390, 20.1610 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(84, 140, 243) }
```


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

```
.border{ border-color:rgb(84, 140, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 140, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 140, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 140, 243);  
box-shadow:4px 4px 4px 4px rgb(84, 140,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9980, -66.4390, 20.1610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 140, 243) }
```

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

```
.background{ background-color: rgb(84, 140,  
243) }
```

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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