

Converting Colors

YIQ(138.3040, -58.5530,
20.4150)

Have a look what the booklet for
YIQ(138.3040, -58.5530, 20.4150)
contains.

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Color

**YIQ(138.3040, -58.5530,
20.4150)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8DEE
RGB	95, 141, 238
RGB Percent	37%, 55%, 93%
CMY	0.6275, 0.4470, 0.0670
CMYK	0.60, 0.41, 0.00, 0.07
HSL	221°, 81%, 65%
HSV	221°, 60%, 93%
XYZ	29.6669, 27.6562, 84.6031
YIQ	138.3040, -58.5530, 20.4150

Conversions

Conversions Part 2

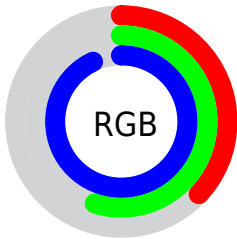
Format	Color
RYB	95, 130, 238
Decimal	6262254
CIELab	59.58, 13.41, -53.56
CIELCh	60, 55.215, 284.051
Yxy	27.6562, 0.2090, 0.1949
Android (android.graphics.Color)	4284452334 (0xFF5F8DEE)
YUV	138.3040, 49.1501, -37.9776
Hunter-Lab	52.5892, 8.6653, -58.5707

Details

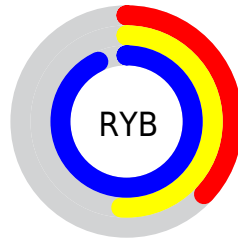
The YIQ color **138.3040, -58.5530, 20.4150** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **194.6960, 58.5530, -20.4150**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **189.5920, -42.2290, 10.9150**, and **78.2260, -76.2490, 10.7190** is the 20% darker color. If you saturate the color by 10%, you get **121.7360, -68.4570, 23.6950**, and if you desaturate by 10%, it is **154.8720, -48.6490, 17.1350**.

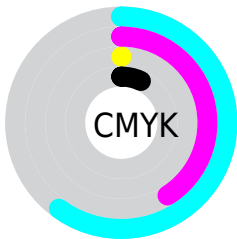
Distribution



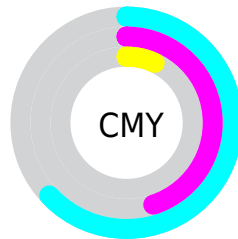
- Red (37%)
- Green (55%)
- Blue (93%)



- Red (37%)
- Yellow (51%)
- Blue (93%)



- Cyan (60%)
- Magenta (41%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (45%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.3040, -58.5530, 20.4150 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 138.3040, -58.5530, 20.4150 by changing the saturation by 10% instead.

■ 138.3040,
-58.5530, 20.4150

■ 138.3040,
-58.5530, 20.4150

■ 255.0000, -0.0000,
-0.0000

■ 110.4560,
-62.0370, 17.4750

■ 189.5920,
-42.2290, 10.9150

■ 78.2260, -76.2490,
10.7190

■ 214.6990,
-32.6450, 2.4190

■ 58.0590, -68.4090,
11.8070

■ 240.1050,
-22.4650, -5.8650

■ 42.1810, -54.0130,
15.2270

■ 252.3090, -5.3640,
-1.9080

■ 28.0640, -40.4420,
17.0780

■ 9.3650, -24.9920,
23.4240

■ 9.0910, -18.7090,

14.1790

■ 4.7080, -10.5010,
8.5950

■ 0.3420, -0.9630,
0.9330

■ 138.3040,
-58.5530, 20.4150

■ 138.3040,
-58.5530, 20.4150

■ 121.7360,
-68.4570, 23.6950

■ 154.8720,
-48.6490, 17.1350

■ 105.1680,
-78.3610, 26.9750

■ 171.4400,
-38.7450, 13.8550

■ 88.8990, -87.6690,
30.4670

■ 187.7090,
-29.4370, 10.3630

■ 72.3310, -97.5730,
33.7470

■ 204.8640,
-19.8080, 6.5600

■ 221.4320, -9.9040,
3.2800

■ 238.0000, -0.0000,
0.0000

■ 252.4750, 5.7320,
-4.7640

■ 253.0620, 5.4570,
-5.2870

Harmonies

Analogous

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



118.5900, -118.9770, -7.8810



138.3040, -58.5530, 20.4150



148.0470, 2.9270, 40.5830

Triad

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



138.3040, -58.5530, 20.4150



141.3020, 75.6030, 12.0110



109.9650, -82.2900, -50.5300

Complementary

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



138.3040, -58.5530, 20.4150



194.6960, 58.5530, -20.4150

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.



129.1200, -10.7670, -41.6710



138.3040, -58.5530, 20.4150



139.7230, 63.0910, -14.5490

Square

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



138.3040, -58.5530, 20.4150



141.8020, 72.1600, 35.8720



135.6880, 34.6680, -33.5880



116.9530, -99.2110, -35.7150

Rectangle

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



138.3040, -58.5530, 20.4150



146.9060, 34.2410, 45.7690



135.6880, 34.6680, -33.5880



116.2250, -59.5950, -48.8350

Sweetspot

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



138.3040, -58.5530, 20.4150



223.0490, -18.8910, 6.4610



189.7710, -69.8200, -45.2440



107.5890, -11.7840, 4.3120



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.



138.3040, -58.5530, 20.4150



127.1960, -75.5640, 25.8440



118.4780, -31.5990, 49.5610



111.7160, -4.9520, 1.6400



55.6090, -75.2890, 26.3670



16.9500, -22.9260, 8.0020

Inverse Universe

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



143.0010, 70.4620, 44.6220



132.8560, 90.4040, 57.6680



214.5220, 31.5990, -49.5610



112.0440, 5.8680, 3.7880



61.7420, 90.7250, 57.3570



18.7960, 27.5980, 17.4700

Previews

White Background



This preview shows how the YIQ color 138.3040, -58.5530, 20.4150 looks on a white background.

Color Contrast Check

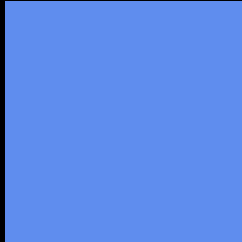
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3040, -58.5530, 20.4150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

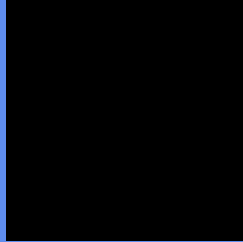
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.3040, -58.5530, 20.4150

Background



This preview shows how black text looks on a background with the YIQ color 138.3040, -58.5530, 20.4150.



This preview shows how white text looks on a background with the YIQ color 138.3040, -58.5530,

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

138.3040, -58.5530, 20.4150

Protanopia

139.9950, -53.1890, 22.3230

Deuteranopia

135.4660, -67.9970, 15.3550



Tritanopia

129.9740, -59.0050, -15.4610

Trichromacy



Original Color

138.3040, -58.5530, 20.4150

Protanomaly

139.0980, -54.9770, 21.6870

Deuteranomaly

136.3740, -64.7420, 16.9380

Tritanomaly

133.1780, -59.0990, -2.7390

Monochromacy



Original Color

138.3040, -58.5530, 20.4150

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.9070, -21.3670, 7.2810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.3040, -58.5530, 20.4150 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(95, 141, 238)` looks like.

```
.text, #text, p{  
    color:rgb(95, 141, 238)  
}
```

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(95, 141, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 141, 238) }
```

Border

The CSS property to change the border of an element to YIQ 138.3040, -58.5530, 20.4150 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(95, 141, 238) }
```


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

```
.border{ border-color:rgb(95, 141, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 141, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 141, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 141, 238);  
box-shadow:4px 4px 4px 4px rgb(95, 141,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 138.3040, -58.5530, 20.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 141, 238) }
```

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

```
.background{ background-color: rgb(95, 141,  
238) }
```

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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