

Converting Colors

YIQ(138.6970, -55.5260,
15.1140)

Have a look what the booklet for
YIQ(138.6970, -55.5260, 15.1140)
contains.

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Color

**YIQ(138.6970, -55.5260,
15.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	5F90E2
RGB	95, 144, 226
RGB Percent	37%, 56%, 89%
CMY	0.6275, 0.4352, 0.1140
CMYK	0.58, 0.36, 0.00, 0.11
HSL	218°, 69%, 63%
HSV	218°, 58%, 89%
XYZ	28.4115, 27.8718, 75.7818
YIQ	138.6970, -55.5260, 15.1140

Conversions

Conversions Part 2

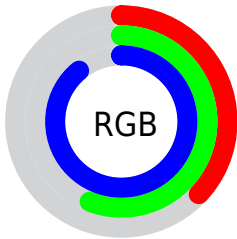
Format	Color
R _Y B	95, 131, 226
Decimal	6263010
CIE Lab	59.77, 7.71, -46.60
CIE LCh	60, 47.232, 279.392
Yxy	27.8718, 0.2151, 0.2110
Android (android.graphics.Color)	4284453090 (0xFF5F90E2)
YUV	138.6970, 43.0404, -38.3223
Hunter-Lab	52.7938, 3.6725, -48.1510

Details

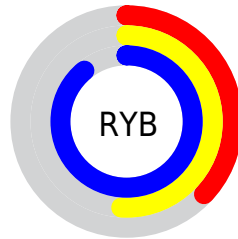
The YIQ color **138.6970, -55.5260, 15.1140** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **182.3030, 55.5260, -15.1140**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.7550, -44.2460, 8.9220**, and **81.1360, -67.3080, 8.3720** is the 20% darker color. If you saturate the color by 10%, you get **123.6020, -65.3840, 17.5600**, and if you desaturate by 10%, it is **153.7920, -45.6680, 12.6680**.

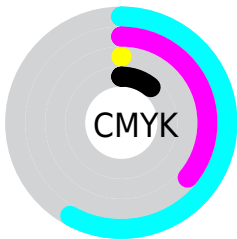
Distribution



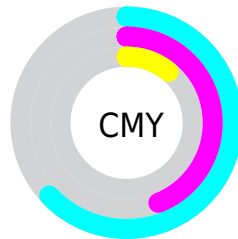
- Red (37%)
- Green (56%)
- Blue (89%)



- Red (37%)
- Yellow (51%)
- Blue (89%)



- Cyan (58%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (63%)
- Magenta (44%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.6970, -55.5260, 15.1140 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 138.6970, -55.5260, 15.1140 by changing the saturation by 10% instead.

■ 138.6970,
-55.5260, 15.1140

■ 138.6970,
-55.5260, 15.1140

■ 255.0000, -0.0000,
-0.0000

■ 111.2620,
-58.7350, 12.6970

■ 190.7550,
-44.2460, 8.9220

■ 81.1360, -67.3080,
8.3720

■ 215.8620,
-34.6620, 0.4260

■ 57.9790, -65.4280,
7.3400

■ 241.8550,
-24.7570, -8.3810

■ 42.1010, -51.0320,
10.7600

■ 251.4120, -7.1520,
-2.5440

■ 27.5110, -37.5070,
13.4450

■ 8.9260, -22.3780,
20.1020

■ 6.8910, -15.2700,

12.4260

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 138.6970,
-55.5260, 15.1140

■ 138.6970,
-55.5260, 15.1140

■ 123.6020,
-65.3840, 17.5600

■ 153.7920,
-45.6680, 12.6680

■ 108.8060,
-74.6460, 20.2180

■ 168.5880,
-36.4060, 10.0100

■ 93.7110, -84.5040,
22.6640

■ 183.6830,
-26.5480, 7.5640

■ 78.3280, -93.4910,
25.8450

■ 199.0660,
-17.5610, 4.3830

■ 75.6590, -95.9210,
25.8310

■ 214.1610, -7.7030,
1.9370

■ 229.2560, 2.1550,
-0.5090

■ 244.0520, 11.4170,
-3.1670

■ 251.6940, 9.3090,
-9.0190

Harmonies

Analogous

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



116.7660, -113.8410, -12.8570



138.6970, -55.5260, 15.1140



147.8840, -4.2240, 32.5120

Triad

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



138.6970, -55.5260, 15.1140



142.9790, 66.3870, 13.8350



122.0180, -54.2780, -40.5660

Complementary

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



138.6970, -55.5260, 15.1140



182.3030, 55.5260, -15.1140

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.



134.1260, -1.7360, -34.6320



138.6970, -55.5260, 15.1140



141.7150, 57.5420, -7.5940

Square

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



138.6970, -55.5260, 15.1140



144.5230, 59.6440, 31.4200



138.9580, 34.2080, -25.2480



114.6390, -95.4510, -37.7790

Rectangle

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



138.6970, -55.5260, 15.1140



148.0030, 23.4220, 38.0940



138.9580, 34.2080, -25.2480



127.4350, -33.4630, -37.8390

Sweetspot

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



138.6970, -55.5260, 15.1140



226.2940, -18.2030, 5.0050



181.1310, -62.0260, -43.3220



110.8340, -11.0960, 2.8560



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.



138.6970, -55.5260, 15.1140



136.0340, -75.2880, 20.8400



114.4190, -33.1110, 43.9210



104.6020, -4.6310, 1.3290



58.8060, -74.6460, 20.2180



16.0380, -20.3580, 5.5140

Inverse Universe

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



139.7550, 62.3470, 43.0110



137.7460, 84.9020, 58.2620



206.5810, 33.1110, -43.9210



104.7450, 5.2720, 3.5760



60.1480, 83.7100, 57.8380



16.4040, 22.8300, 15.7740

Previews

White Background



This preview shows how the YIQ color 138.6970, -55.5260, 15.1140 looks on a white background.

Color Contrast Check

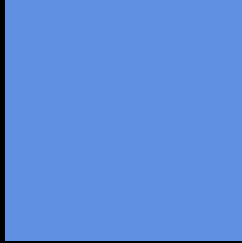
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.6970, -55.5260, 15.1140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

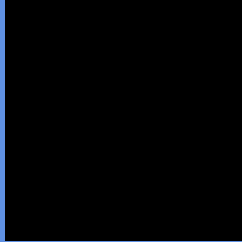
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.6970, -55.5260, 15.1140

Background



This preview shows how black text looks on a background with the YIQ color 138.6970, -55.5260, 15.1140.

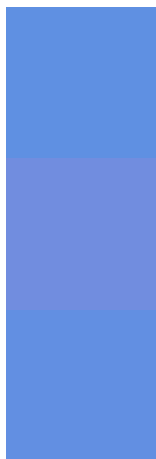


This preview shows how white text looks on a background with the YIQ color 138.6970, -55.5260,

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

138.6970, -55.5260, 15.1140

Protanopia

141.9760, -43.0100, 19.5660

Deuteranopia

139.0070, -53.4630, 16.2730



Tritanopia

131.9530, -54.5120, -14.2880

Trichromacy



Original Color

138.6970, -55.5260, 15.1140

Protanomaly

140.5840, -47.7780, 17.8700

Deuteranomaly

138.7080, -54.0590, 16.0610

Tritanomaly

134.6900, -54.7890, -3.7570

Monochromacy



Original Color

138.6970, -55.5260, 15.1140

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.0380, -20.3580, 5.5140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.6970, -55.5260, 15.1140 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, 144, 226)` looks like.

```
.text, #text, p{  
    color:rgb(95, 144, 226)  
}
```

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, 144, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 144, 226) }
```

Border

The CSS property to change the border of an element to YIQ 138.6970, -55.5260, 15.1140 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, 144, 226) }
```


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

```
.border{ border-color:rgb(95, 144, 226) }
```

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

Here you see how a box with a 4 pixel rgb(95, 144, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 144, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 144, 226);  
box-shadow:4px 4px 4px 4px rgb(95, 144,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 138.6970, -55.5260, 15.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 144, 226) }
```

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

```
.background{ background-color: rgb(95, 144,  
226) }
```

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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