

Converting Colors

YIQ(168.5830, -55.2050,
14.8030)

Have a look what the booklet for
YIQ(168.5830, -55.2050, 14.8030)
contains.

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Color

**YIQ(168.5830, -55.2050,
14.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	7DAEFF
RGB	125, 174, 255
RGB Percent	49%, 68%, 100%
CMY	0.5098, 0.3176, 0.0003
CMYK	0.51, 0.32, 0.00, 0.00
HSL	217°, 100%, 74%
HSV	217°, 51%, 100%
XYZ	41.6335, 41.8542, 100.4314
YIQ	168.5830, -55.2050, 14.8030

Conversions

Conversions Part 2

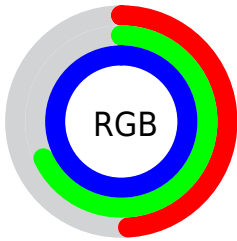
Format	Color
RYB	125, 161, 255
Decimal	8236799
CIELab	70.77, 5.72, -45.08
CIElCh	71, 45.442, 277.227
Yxy	41.8542, 0.2264, 0.2276
Android (android.graphics.Color)	4286426879 (0xFF7DAEFF)
YUV	168.5830, 42.6036, -38.2223
Hunter-Lab	64.6948, 1.6553, -46.7547

Details

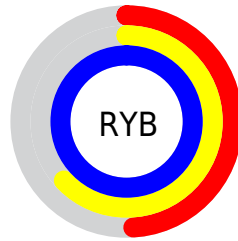
The YIQ color **168.5830, -55.2050, 14.8030** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **211.4170, 55.2050, -14.8030**, and the grayscale version is **168.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.5090, -35.1660, -1.4540**, and **113.3220, -58.9640, 11.3400** is the 20% darker color. If you saturate the color by 10%, you get **151.4170, -66.3010, 17.6590**, and if you desaturate by 10%, it is **185.4500, -44.7050, 11.7350**.

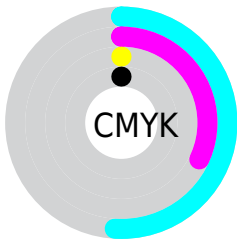
Distribution



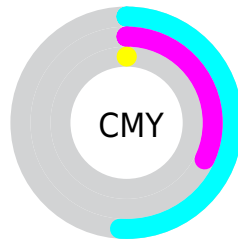
- Red (49%)
- Green (68%)
- Blue (100%)



- Red (49%)
- Yellow (63%)
- Blue (100%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.5830, -55.2050, 14.8030 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 168.5830, -55.2050, 14.8030 by changing the saturation by 10% instead.

■ 168.5830,
-55.2050, 14.8030

■ 168.5830,
-55.2050, 14.8030

■ 255.0000, -0.0000,
-0.0000

■ 141.0450,
-56.6260, 13.0220

■ 218.5090,
-35.1660, -1.4540

■ 113.3220,
-58.9640, 11.3400

■ 242.4420,
-25.0320, -8.9040

■ 83.1960, -67.5370,
7.0150

■ 251.4120, -7.1520,
-2.5440

■ 59.7400, -66.2530,
5.7710

■ 43.8620, -51.8570,
9.1910

■ 29.2720, -38.3320,
11.8760

■ 11.2740, -23.4780,

18.0100

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,
6.6300

■ 168.5830,
-55.2050, 14.8030

■ 168.5830,
-55.2050, 14.8030

■ 151.4170,
-66.3010, 17.6590

■ 185.4500,
-44.7050, 11.7350

■ 134.5500,
-76.8010, 20.7270

■ 202.6160,
-33.6090, 8.8790

■ 117.6830,
-87.3010, 23.7950

■ 219.4830,
-23.1090, 5.8110

■ 101.1040,
-98.6720, 26.1280

■ 236.6490,
-12.0130, 2.9550

■ 85.4220,
-108.2550, 29.0970

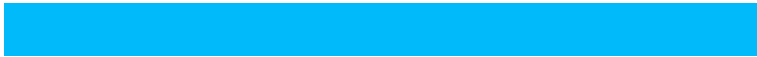
■ 252.9290, -1.2380,
0.4100

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



137.5680, -131.0790, -19.8390



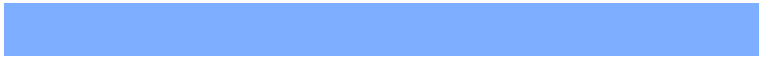
168.5830, -55.2050, 14.8030



177.3890, -7.2040, 31.4520

Triad

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



168.5830, -55.2050, 14.8030



173.8050, 66.9370, 14.8810



155.5740, -44.1000, -37.7960

Complementary

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



168.5830, -55.2050, 14.8030



211.4170, 55.2050, -14.8030

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.



163.9200, 1.8400, -33.3600



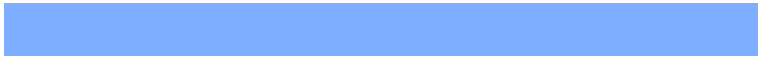
168.5830, -55.2050, 14.8030



172.2530, 58.9630, -5.8130

Square

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



168.5830, -55.2050, 14.8030



175.4520, 58.4060, 31.8300



168.7950, 36.2250, -23.2550



135.2130, -112.0470, -45.3830

Rectangle

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



168.5830, -55.2050, 14.8030



178.5080, 20.4420, 37.0340



168.7950, 36.2250, -23.2550



158.8980, -27.4570, -36.5530

Sweetspot

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



168.5830, -55.2050, 14.8030



229.5500, -16.0480, 4.4960



210.4300, -61.4300, -43.1100



112.3180, -9.5830, 2.9690



0.0000, 0.0000, 0.0000



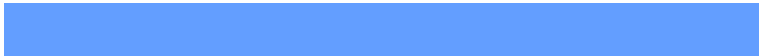
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



168.5830, -55.2050, 14.8030



151.4170, -66.3010, 17.6590



144.3050, -32.7900, 43.6100



119.4170, -5.5480, 1.4280



64.0380, -81.1110, 21.7450



21.3840, -27.1440, 7.3520

Inverse Universe

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



169.4560, 61.7510, 42.7990



152.3700, 74.0370, 51.4210



235.6950, 32.7900, -43.6100



119.4570, 6.1430, 4.3110



65.3170, 90.7240, 62.8840



21.8720, 30.4400, 21.0320

Previews

White Background



This preview shows how the YIQ color 168.5830, -55.2050, 14.8030 looks on a white background.

Color Contrast Check

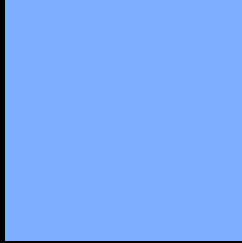
Large Text (above 18pt) WCAG AA × Fail

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 168.5830, -55.2050, 14.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

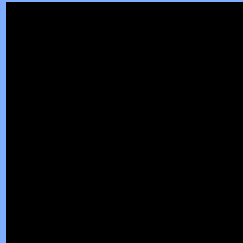
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

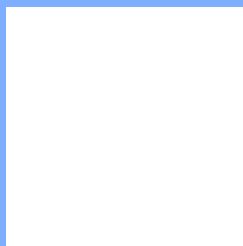
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 168.5830, -55.2050, 14.8030

Background



This preview shows how black text looks on a background with the YIQ color 168.5830, -55.2050, 14.8030.



This preview shows how white text looks on a background with the YIQ color 168.5830, -55.2050,

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

168.5830, -55.2050, 14.8030

Protanopia

172.0580, -40.3050, 20.1030

Deuteranopia

170.1110, -47.8240, 18.7040



Tritanopia

163.3880, -51.3030, -11.8710

Trichromacy



Original Color

168.5830, -55.2050, 14.8030

Protanomaly

170.3670, -45.6690, 18.1950

Deuteranomaly

169.5020, -50.4830, 17.3330

Tritanomaly

165.4130, -52.4510, -2.0750

Monochromacy



Original Color

168.5830, -55.2050, 14.8030

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.9240, -20.0370, 5.2030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.5830, -55.2050, 14.8030 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(125, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(125, 174, 255)  
}
```

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(125, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 174, 255) }
```

Border

The CSS property to change the border of an element to YIQ 168.5830, -55.2050, 14.8030 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(125, 174, 255) }
```


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

```
.border{ border-color:rgb(125, 174, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(125, 174,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 168.5830, -55.2050, 14.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 174, 255) }
```

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

```
.background{ background-color: rgb(125,  
174, 255) }
```

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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