

Converting Colors

YIQ(159.4330, -55.2030, 3.7490)

Have a look what the booklet for
YIQ(159.4330, -55.2030, 3.7490)
contains.

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Color

**YIQ(159.4330, -55.2030,
3.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	6DACE3
RGB	109, 172, 227
RGB Percent	43%, 67%, 89%
CMY	0.5726, 0.3254, 0.1101
CMYK	0.52, 0.24, 0.00, 0.11
HSL	208°, 68%, 66%
HSV	208°, 52%, 89%
XYZ	34.9166, 38.3069, 78.1784
YIQ	159.4330, -55.2030, 3.7490

Conversions

Conversions Part 2

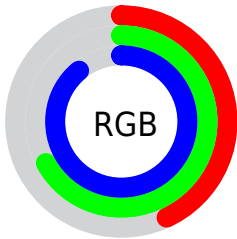
Format	Color
R _Y B	109, 150, 227
Decimal	7187683
CIE _{Lab}	68.25, -5.03, -33.84
CIE _{LCh}	68, 34.211, 261.540
Y _{xy}	38.3069, 0.2306, 0.2530
Android (android.graphics.Color)	4285377763 (0xFF6DACE3)
YUV	159.4330, 33.3105, -44.2297
Hunter-Lab	61.8926, -7.6116, -31.5663

Details

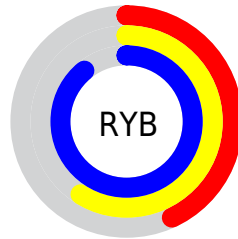
The YIQ color **159.4330, -55.2030, 3.7490** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **176.5670, 55.2030, -3.7490**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2520, -44.7480, -4.0120**, and **103.9870, -59.8790, 0.3850** is the 20% darker color. If you saturate the color by 10%, you get **146.0990, -65.8860, 4.6260**, and if you desaturate by 10%, it is **172.7670, -44.5200, 2.8720**.

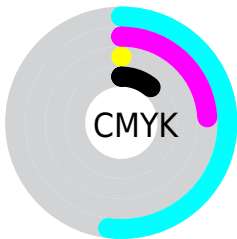
Distribution



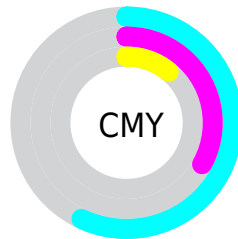
- Red (43%)
- Green (67%)
- Blue (89%)



- Red (43%)
- Yellow (59%)
- Blue (89%)



- Cyan (52%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (33%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.4330, -55.2030, 3.7490 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 159.4330, -55.2030, 3.7490 by changing the saturation by 10% instead.

■ 159.4330,
-55.2030, 3.7490

■ 159.4330,
-55.2030, 3.7490

■ 255.0000, -0.0000,
-0.0000

■ 132.3080,
-56.3490, 2.4910

■ 212.2520,
-44.7480, -4.0120

■ 103.9870,
-59.8790, 0.3850

■ 237.3590,
-35.1640, -12.5080

■ 72.2950, -72.6700,
-4.5900

■ 246.0300,
-17.8800, -6.3600

■ 55.8300, -57.9990,
-0.6470

■ 40.0660, -43.9240,
3.0840

■ 25.0030, -30.4450,
6.6030

■ 7.7060, -16.1870,

12.5250

■ 3.5510, -8.6210,
7.5630

■ 0.0000, 0.0000,
0.0000

■ 159.4330,
-55.2030, 3.7490

■ 159.4330,
-55.2030, 3.7490

■ 146.0990,
-65.8860, 4.6260

■ 172.7670,
-44.5200, 2.8720

■ 133.6510,
-76.2480, 5.1920

■ 185.2150,
-34.1580, 2.3060

■ 120.3170,
-86.9310, 6.0690

■ 198.5490,
-23.4750, 1.4290

■ 107.5700,
-97.8890, 6.4230

■ 211.2960,
-12.5170, 1.0750

■ 96.9050,
-106.1420, 7.3140

■ 224.3310, -2.4300,
-0.0140

■ 237.0780, 8.5280,
-0.3680

■ 246.5250, 11.4630,
-4.0010

■ 251.8080, 8.9880,
-8.7080

Harmonies

Analogous

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



148.3060, -80.3710, -13.7070



159.4330, -55.2030, 3.7490



167.8720, -22.2860, 18.4340

Triad

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



159.4330, -55.2030, 3.7490



168.9310, 49.1470, 17.9070



158.1220, -13.1080, -26.7720

Complementary

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



159.4330, -55.2030, 3.7490



176.5670, 55.2030, -3.7490

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.



161.7250, 16.0510, -21.0770



159.4330, -55.2030, 3.7490



167.3850, 50.2040, 4.2520

Square

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



159.4330, -55.2030, 3.7490



170.6710, 35.6200, 26.2760



164.7820, 38.2400, -10.2080



152.4140, -46.1650, -27.9010

Rectangle

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



159.4330, -55.2030, 3.7490



169.9950, -0.4630, 24.9210



164.7820, 38.2400, -10.2080



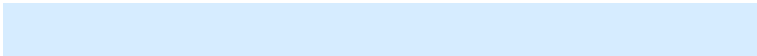
159.6240, -2.8380, -25.6700

Sweetspot

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



159.4330, -55.2030, 3.7490



231.5880, -19.2110, 1.2450



184.3080, -49.4630, -45.2310



113.4810, -11.6000, 0.9760



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.



159.4330, -55.2030, 3.7490



164.3200, -73.8180, 5.2060



125.9740, -39.5280, 33.5600



105.7760, -5.1810, 0.2830



75.2420, -82.3460, 5.5740



20.7340, -22.5580, 1.3300

Inverse Universe

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



151.4640, 50.1050, 44.6090



153.8180, 67.2040, 59.6200



210.0260, 39.5280, -33.5600



104.9730, 4.6300, 4.1980



63.3400, 74.7220, 66.5460



17.3160, 20.2620, 18.2620

Previews

White Background



This preview shows how the YIQ color 159.4330, -55.2030, 3.7490 looks on a white background.

Color Contrast Check

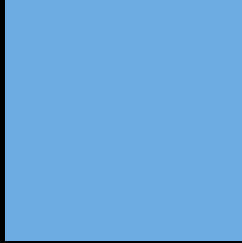
Large Text (above 18pt) WCAG AA × Fail

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 159.4330, -55.2030, 3.7490 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

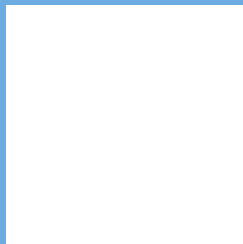
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 159.4330, -55.2030, 3.7490

Background



This preview shows how black text looks on a background with the YIQ color 159.4330, -55.2030, 3.7490.

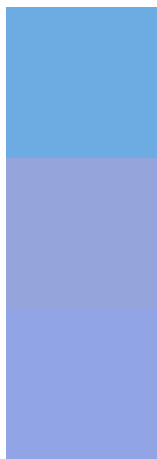


This preview shows how white text looks on a background with the YIQ color 159.4330, -55.2030,

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

159.4330, -55.2030, 3.7490

Protanopia

166.1980, -26.3200, 14.4480

Deuteranopia

165.7290, -32.1890, 16.1870



Tritanopia

155.4910, -53.0910, -12.5070

Trichromacy



Original Color

159.4330, -55.2030, 3.7490

Protanomaly

163.8160, -37.0480, 10.6320

Deuteranomaly

163.4890, -40.4410, 11.5510

Tritanomaly

156.8810, -54.0090, -6.8810

Monochromacy



Original Color

159.4330, -55.2030, 3.7490

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.4030, -20.1280, 1.3440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.4330, -55.2030, 3.7490 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(109, 172, 227)` looks like.

```
.text, #text, p{  
    color:rgb(109, 172, 227)  
}
```

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(109, 172, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 172, 227) }
```

Border

The CSS property to change the border of an element to YIQ 159.4330, -55.2030, 3.7490 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(109, 172, 227) }
```


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

```
.border{ border-color:rgb(109, 172, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 172, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 172, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 172, 227);  
box-shadow:4px 4px 4px 4px rgb(109, 172,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 159.4330, -55.2030, 3.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 172, 227) }
```

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

```
.background{ background-color: rgb(109,  
172, 227) }
```

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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