

Converting Colors

YIQ(107.6430, -55.4340,
13.4460)

Have a look what the booklet for
YIQ(107.6430, -55.4340, 13.4460)
contains.

YIQ(107.6430, -55.4340, 13.4460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(107.6430, -55.4340,
13.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	3F72C0
RGB	63, 114, 192
RGB Percent	25%, 45%, 75%
CMY	0.7530, 0.5529, 0.2473
CMYK	0.67, 0.41, 0.00, 0.25
HSL	216°, 51%, 50%
HSV	216°, 67%, 75%
XYZ	17.5750, 16.8983, 52.1630
YIQ	107.6430, -55.4340, 13.4460

Conversions

Conversions Part 2

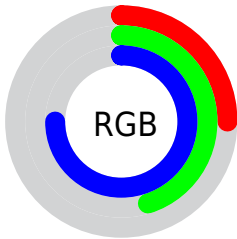
Format	Color
RYB	63, 100, 192
Decimal	4158144
CIELab	48.13, 8.42, -45.92
CIElCh	48, 46.689, 280.395
Yxy	16.8983, 0.2029, 0.1950
Android (android.graphics.Color)	4282348224 (0xFF3F72C0)
YUV	107.6430, 41.5880, -39.1519
Hunter-Lab	41.1075, 4.3772, -46.4603

Details

The YIQ color **107.6430, -55.4340, 13.4460** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **147.3570, 55.4340, -13.4460**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3170, -51.4000, 17.4320**, and **55.0610, -62.7230, 7.8770** is the 20% darker color. If you saturate the color by 10%, you get **94.9180, -63.4580, 15.6940**, and if you desaturate by 10%, it is **120.3680, -47.4100, 11.1980**.

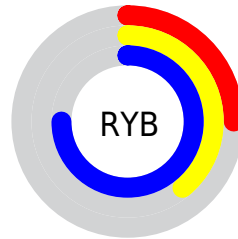
Distribution



Red (25%)

Green (45%)

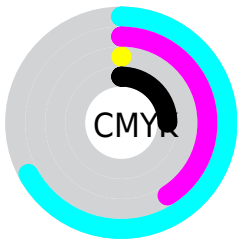
Blue (75%)



Red (25%)

Yellow (39%)

Blue (75%)

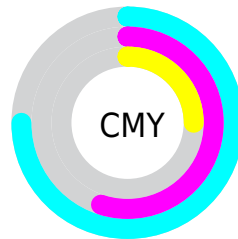


Cyan (67%)

Magenta (41%)

Yellow (0%)

Black (25%)



Cyan (75%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.6430, -55.4340, 13.4460 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 107.6430, -55.4340, 13.4460 by changing the saturation by 10% instead.

■ 107.6430,
-55.4340, 13.4460

■ 107.6430,
-55.4340, 13.4460

■ 255.0000, -0.0000,
-0.0000

■ 78.4030, -63.6860,
8.8100

■ 162.0180,
-51.9960, 17.2200

■ 55.0610, -62.7230,
7.8770

■ 187.5210,
-43.4670, 11.3250

■ 39.1830, -48.3270,
11.2970

■ 212.6280,
-33.8830, 2.8290

■ 25.1800, -35.0770,
13.4590

■ 238.3220,
-24.5740, -6.1900

■ 10.7040, -21.8730,
16.4550

■ 250.8140, -8.3440,
-2.9680

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,

5.0750

■ 0.0000, 0.0000,
0.0000

■ 107.6430,
-55.4340, 13.4460

■ 107.6430,
-55.4340, 13.4460

■ 94.9180, -63.4580,
15.6940

■ 120.3680,
-47.4100, 11.1980

■ 82.7800, -71.7570,
17.4190

■ 132.5060,
-39.1110, 9.4730

■ 69.7560, -80.3770,
19.4550

■ 145.5300,
-30.4910, 7.4370

■ 66.5000, -82.5320,
19.9640

■ 157.6680,
-22.1920, 5.7120

■ 170.3930,
-14.1680, 3.4640

■ 183.1180, -6.1440,
1.2160

■ 195.2560, 2.1550,
-0.5090

■ 208.2800, 10.7750,
-2.5450

■ 220.4180, 19.0740,
-4.2700

Harmonies

Analogous

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



95.3940, -94.9980, -7.4300



107.6430, -55.4340, 13.4460



117.5420, -3.2610, 31.5790

Triad

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



107.6430, -55.4340, 13.4460



112.0000, 61.8940, 12.6620



87.2880, -63.9060, -42.2900

Complementary

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



107.6430, -55.4340, 13.4460



147.3570, 55.4340, -13.4460

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.



103.3970, -3.9370, -33.2890



107.6430, -55.4340, 13.4460



111.3230, 52.7740, -9.2900

Square

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



107.6430, -55.4340, 13.4460



113.0280, 56.6640, 30.3600



108.4630, 31.2280, -26.3080



92.5490, -77.3420, -30.0620

Rectangle

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



107.6430, -55.4340, 13.4460



117.0630, 23.1930, 36.7370



108.4630, 31.2280, -26.3080



95.3960, -37.7270, -37.6550

Sweetspot

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



107.6430, -55.4340, 13.4460



217.4400, -21.5500, 5.0900



147.5010, -60.1920, -43.5200



105.4640, -12.9300, 3.0540



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



107.6430, -55.4340, 13.4460



117.6890, -87.4380, 20.7700



81.5930, -33.6610, 42.8750



90.4880, -4.3100, 1.0180



55.9220, -69.2810, 16.5990



11.3930, -14.1680, 3.4640

Inverse Universe

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



107.3850, 60.5130, 43.2090



116.9310, 94.9870, 68.2270



173.4070, 33.6610, -42.8750



90.4460, 4.6760, 3.3640



55.4350, 75.4120, 54.0360



11.3490, 15.4950, 11.0390

Previews

White Background



This preview shows how the YIQ color 107.6430, -55.4340, 13.4460 looks on a white 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

Black Background



This preview shows how the YIQ color 107.6430, -55.4340, 13.4460 looks on a black 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

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

YIQ 107.6430, -55.4340, 13.4460

Background



This preview shows how black text looks on a background with the YIQ color 107.6430, -55.4340, 13.4460.

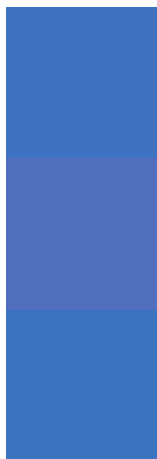


This preview shows how white text looks on a background with the YIQ color 107.6430, -55.4340,

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

107.6430, -55.4340, 13.4460

Protanopia

110.9220, -42.9180, 17.8980

Deuteranopia

107.0340, -58.0930, 12.0750



Tritanopia

96.0440, -65.1940, -18.9380

Trichromacy



Original Color

107.6430, -55.4340, 13.4460

Protanomaly

109.5300, -47.6860, 16.2020

Deuteranomaly

107.3330, -57.4970, 12.2870

Tritanomaly

100.4610, -61.5740, -7.4460

Monochromacy



Original Color

107.6430, -55.4340, 13.4460

Achromatopsia

108.0000, -0.0000, 0.0000

Achromatomaly

107.9240, -20.0370, 5.2030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.6430, -55.4340, 13.4460 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(63, 114, 192)` looks like.

```
.text, #text, p{  
    color:rgb(63, 114, 192)  
}
```

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(63, 114, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 114, 192) }
```

Border

The CSS property to change the border of an element to YIQ 107.6430, -55.4340, 13.4460 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(63, 114, 192) }
```


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

```
.border{ border-color:rgb(63, 114, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 114, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 114, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 114, 192);  
box-shadow:4px 4px 4px 4px rgb(63, 114,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 107.6430, -55.4340, 13.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 114, 192) }
```

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

```
.background{ background-color: rgb(63, 114,  
192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor