

Converting Colors

YIQ(108.5240, -55.5760,
38.0560)

Have a look what the booklet for
YIQ(108.5240, -55.5760, 38.0560)
contains.

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Color

**YIQ(108.5240, -55.5760,
38.0560)**

Conversions

Conversions Part 1

Format	Color
Hex	4F63EB
RGB	79, 99, 235
RGB Percent	31%, 39%, 92%
CMY	0.6901, 0.6117, 0.0788
CMYK	0.66, 0.58, 0.00, 0.08
HSL	232°, 80%, 62%
HSV	232°, 66%, 92%
XYZ	22.6713, 16.5814, 80.5399
YIQ	108.5240, -55.5760, 38.0560

Conversions

Conversions Part 2

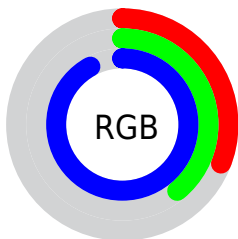
Format	Color
R _Y B	79, 97, 235
Decimal	5202923
CIE Lab	47.73, 35.40, -71.00
CIE LCh	48, 79.334, 296.498
Yxy	16.5814, 0.1893, 0.1384
Android (android.graphics.Color)	4283393003 (0xFF4F63EB)
YUV	108.5240, 62.3527, -25.8925
Hunter-Lab	40.7202, 28.1208, -88.7647

Details

The YIQ color **108.5240, -55.5760, 38.0560** is a dark color, and the websafe version is hex **3366FF**. The color can be described as middle muted azure. A complement of this color would be **205.4760, 55.5760, -38.0560**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1760, -37.2810, 31.3830**, and **51.4030, -71.7130, 27.6390** is the 20% darker color. If you saturate the color by 10%, you get **89.9070, -63.7840, 43.6400**, and if you desaturate by 10%, it is **127.4400, -46.7720, 32.6840**.

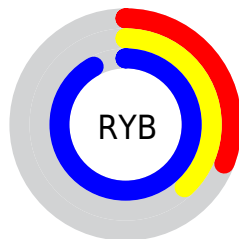
Distribution



Red (31%)

Green (39%)

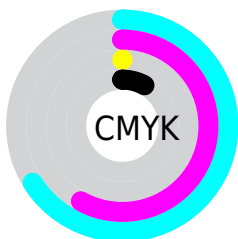
Blue (92%)



Red (31%)

Yellow (38%)

Blue (92%)

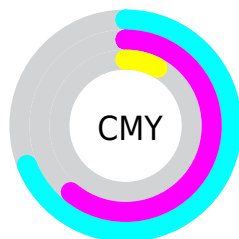


Cyan (66%)

Magenta (58%)

Yellow (0%)

Black (8%)



Cyan (69%)

Magenta (61%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.5240, -55.5760, 38.0560 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 108.5240, -55.5760, 38.0560 by changing the saturation by 10% instead.

■ 108.5240,
-55.5760, 38.0560

■ 108.5240,
-55.5760, 38.0560

■ 255.0000, -0.0000,
-0.0000

■ 78.5720, -64.6990,
32.6850

■ 160.1760,
-37.2810, 31.3830

■ 51.4030, -71.7130,
27.6390

■ 184.4080,
-26.5510, 24.1450

■ 35.9980, -57.2710,
30.2250

■ 210.1130,
-15.7750, 16.0730

■ 22.9410, -43.9290,
30.7190

■ 235.8180, -4.9990,
8.0010

■ 11.1720, -31.4580,
30.4780

■ 13.6050, -25.9080,
17.9960

■ 8.0480, -17.1500,

13.4580

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 108.5240,
-55.5760, 38.0560

■ 108.5240,
-55.5760, 38.0560

■ 89.9070, -63.7840,
43.6400

■ 127.4400,
-46.7720, 32.6840

■ 70.4040, -72.3130,
49.5350

■ 146.6440,
-38.8390, 26.5770

■ 51.7870, -80.5210,
55.1190

■ 165.2610,
-30.6310, 20.9930

■ 44.4000, -83.6850,
57.3950

■ 184.7640,
-22.1020, 15.0980

■ 203.3810,
-13.8940, 9.5140

■ 222.8840, -5.3650,
3.6190

■ 241.5010, 2.8430,
-1.9650

■ 252.7200, 6.4200,
-6.2200

Harmonies

Analogous

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



101.7610, -114.3040, 12.0640



108.5240, -55.5760, 38.0560



109.0210, 33.3200, 67.9760

Triad

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



108.5240, -55.5760, 38.0560



102.9060, 93.8530, 0.6450



93.9220, -71.5630, -41.1870

Complementary

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



108.5240, -55.5760, 38.0560



205.4760, 55.5760, -38.0560

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.



83.0240, -46.3880, -62.4200



108.5240, -55.5760, 38.0560



106.7510, 56.7200, -25.7440

Square

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



108.5240, -55.5760, 38.0560



87.4910, 107.3690, 53.0730



97.5830, 12.4340, -49.1500



102.3750, -93.9870, -20.2510

Rectangle

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



108.5240, -55.5760, 38.0560



84.7390, 78.7530, 87.1130



97.5830, 12.4340, -49.1500



90.5990, -63.5840, -48.1280

Sweetspot

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



108.5240, -55.5760, 38.0560



213.9230, -18.2960, 12.2000



185.9620, -86.2350, -39.6030



102.8820, -11.0510, 7.5490



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.



108.5240, -55.5760, 38.0560



89.5180, -72.6340, 49.8460



113.8270, -16.1040, 60.6000



107.8410, -3.8060, 2.8980



34.1350, -64.4260, 44.2620



10.2650, -19.2590, 13.1330

Inverse Universe

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



127.9240, 86.5560, 39.2920



114.9600, 113.2380, 51.3340



200.1730, 16.1040, -60.6000



109.4030, 6.2350, 2.6430



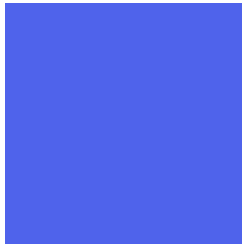
56.7410, 100.4930, 45.5250



16.9440, 29.9370, 13.6250

Previews

White Background



This preview shows how the YIQ color 108.5240, -55.5760, 38.0560 looks on a white background.

Color Contrast Check

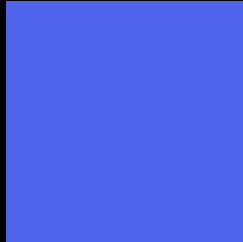
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.5240, -55.5760, 38.0560 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 108.5240, -55.5760, 38.0560

Background



This preview shows how black text looks on a background with the YIQ color 108.5240, -55.5760, 38.0560.



This preview shows how white text looks on a background with the YIQ color 108.5240, -55.5760, 38.0560.

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

108.5240, -55.5760, 38.0560

Protanopia

89.6160, -103.5300, 15.0460

Deuteranopia

90.1910, -95.5040, 1.7440



Tritanopia

88.7650, -77.7100, -23.3900

Trichromacy



Original Color

108.5240, -55.5760, 38.0560

Protanomaly

96.7540, -86.0630, 23.3850

Deuteranomaly

96.8220, -80.7430, 15.0730

Tritanomaly

96.2570, -69.5070, -1.3390

Monochromacy



Original Color

108.5240, -55.5760, 38.0560

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.6070, -20.2220, 14.0660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.5240, -55.5760, 38.0560 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(79, 99, 235)` looks like.

```
.text, #text, p{  
    color:rgb(79, 99, 235)  
}
```

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(79, 99, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 99, 235) }
```

Border

The CSS property to change the border of an element to YIQ 108.5240, -55.5760, 38.0560 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(79, 99, 235) }
```


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

```
.border{ border-color:rgb(79, 99, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 99, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 99, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 99, 235);  
box-shadow:4px 4px 4px 4px rgb(79, 99,  
235) }
```

Background

The CSS property to change the background color of an element to YIQ 108.5240, -55.5760, 38.0560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 99, 235) }
```

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

```
.background{ background-color: rgb(79, 99,  
235) }
```

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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