

Converting Colors

YIQ(54.4590, -55.8100, 64.3340)

Have a look what the booklet for
YIQ(54.4590, -55.8100, 64.3340)
contains.

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Color

**YIQ(54.4590, -55.8100,
64.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	291CE2
RGB	41, 28, 226
RGB Percent	16%, 11%, 89%
CMY	0.8390, 0.8902, 0.1141
CMYK	0.82, 0.88, 0.00, 0.11
HSL	244°, 78%, 50%
HSV	244°, 88%, 89%
XYZ	15.0455, 6.7882, 72.4000
YIQ	54.4590, -55.8100, 64.3340

Conversions

Conversions Part 2

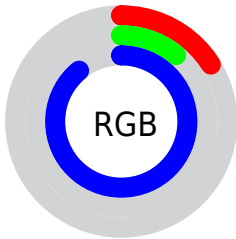
Format	Color
R _Y B	41, 28, 226
Decimal	2694370
CIE Lab	31.32, 66.51, -92.98
CIE LCh	31, 114.318, 305.577
Yxy	6.7882, 0.1597, 0.0720
Android (android.graphics.Color)	4280884450 (0xFF291CE2)
YUV	54.4590, 84.5697, -11.8035
Hunter-Lab	26.0542, 57.4832, -146.5182




Details

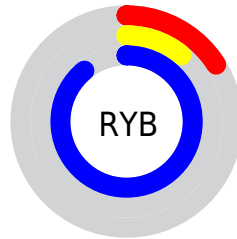
The YIQ color **54.4590, -55.8100, 64.3340** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **199.5410, 55.8100, -64.3340**, and the grayscale version is **54.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **113.9810, -31.0970, 62.4950**, and **19.2660, -54.2490, 52.5590** is the 20% darker color. If you saturate the color by 10%, you get **34.6790, -62.0010, 71.9110**, and if you desaturate by 10%, it is **74.2390, -49.6190, 56.7570**.

Distribution







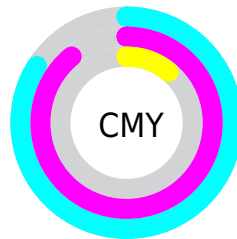
-  Red (16%)
-  Green (11%)
-  Blue (89%)






-  Red (16%)
-  Yellow (11%)
-  Blue (89%)



-  Cyan (82%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (11%)



-  Cyan (84%)
-  Magenta (89%)
-  Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.4590, -55.8100, 64.3340 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 54.4590, -55.8100, 64.3340 by changing the saturation by 10% instead.

■ 54.4590, -55.8100,
64.3340

■ 54.4590, -55.8100,
64.3340

■ 255.0000, -0.0000,
-0.0000

■ 22.4580, -63.2370,
61.2670

■ 113.9810,
-31.0970, 62.4950

■ 19.2660, -54.2490,
52.5590

■ 139.1100,
-18.5790, 55.8930

■ 16.0740, -45.2610,
43.8510

■ 164.5270, -6.9320,
48.5560

■ 12.9960, -36.5940,
35.4540

■ 189.9440, 4.7150,
41.2190

■ 17.7770, -32.1440,
20.8800

■ 215.9480, 16.0870,
33.3590

■ 11.4050, -22.4690,
16.2430

■ 233.8680, 9.9000,

■ 6.4350, -13.9860,

18.8280

11.1820

250.8910, 1.9250,
3.6610

2.7530, -6.3740,
5.3860

0.0000, 0.0000,
0.0000

54.4590, -55.8100,
64.3340

54.4590, -55.8100,
64.3340

34.6790, -62.0010,
71.9110

74.2390, -49.6190,
56.7570

30.2490, -63.6060,
73.4660

93.4320, -43.1530,
49.7030

113.2120,
-36.9620, 42.1260

132.4050,
-30.4960, 35.0720

■ 152.4840,
-23.7090, 27.7070

■ 172.2640,
-17.5180, 20.1300

■ 191.4570,
-11.0520, 13.0760

■ 211.2370, -4.8610,
5.4990

■ 230.4300, 1.6050,
-1.5550

Harmonies

Analogous

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



80.1390, -105.7800, 33.8040



54.4590, -55.8100, 64.3340



71.8170, 60.9180, 85.4460

Triad

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



54.4590, -55.8100, 64.3340



58.9160, 79.8660, 17.3540



68.8460, -56.0690, -24.6210

Complementary

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



54.4590, -55.8100, 64.3340



199.5410, 55.8100, -64.3340

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.



56.9390, -26.6750, -50.7310



54.4590, -55.8100, 64.3340



67.9230, 24.1210, -24.1590

Square

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



54.4590, -55.8100, 64.3340



58.0060, 115.6240, 41.1280



54.0040, -25.3000, -48.1160



80.9810, -86.1050, 2.1110

Rectangle

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



54.4590, -55.8100, 64.3340



72.9790, 95.0320, 72.9200



54.0040, -25.3000, -48.1160



64.7250, -45.8430, -33.7390

Sweetspot

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



54.4590, -55.8100, 64.3340



197.7200, -18.8020, 21.3740



160.9280, -115.2580, -36.7460



93.4570, -11.0520, 13.0760



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.



54.4590, -55.8100, 64.3340



34.1530, -71.7230, 82.9090



83.1630, 1.4060, 84.6860



102.5530, -2.9350, 3.6330



23.6520, -49.3440, 57.2800



6.3690, -13.6200, 15.5640

Inverse Universe

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



108.2920, 58.6230, 99.5110



103.3770, 75.5820, 128.0780



170.8370, -1.4060, -84.6860



105.4290, 3.3460, 5.4420



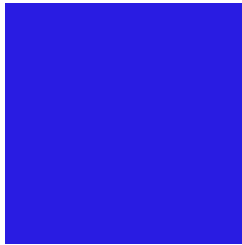
71.3200, 52.2520, 88.3160



19.4820, 14.1630, 24.1710

Previews

White Background



This preview shows how the YIQ color 54.4590, -55.8100, 64.3340 looks on a white background.

Color Contrast Check

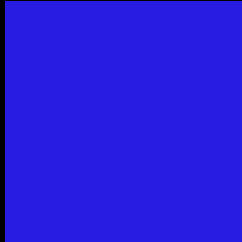
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 54.4590, -55.8100, 64.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

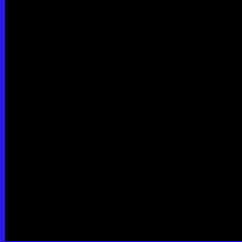
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.4590, -55.8100, 64.3340

Background



This preview shows how black text looks on a background with the YIQ color 54.4590, -55.8100, 64.3340.



This preview shows how white text looks on a background with the YIQ color 54.4590, -55.8100,

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

54.4590, -55.8100, 64.3340

Protanopia

58.6630, -67.3540, 9.2060

Deuteranopia

58.9760, -61.3460, -0.5620



Tritanopia

57.9380, -50.1560, -16.1400

Trichromacy



Original Color

54.4590, -55.8100, 64.3340

Protanomaly

56.9480, -63.0020, 29.4620

Deuteranomaly

57.5860, -59.2870, 22.7050

Tritanomaly

56.4970, -52.0870, 13.3610

Monochromacy



Original Color

54.4590, -55.8100, 64.3340

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.4040, -20.7280, 23.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.4590, -55.8100, 64.3340 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(41, 28, 226)` looks like.

```
.text, #text, p{  
    color:rgb(41, 28, 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(41, 28, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 28, 226) }
```

Border

The CSS property to change the border of an element to YIQ 54.4590, -55.8100, 64.3340 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(41, 28, 226) }
```


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

```
.border{ border-color:rgb(41, 28, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 28, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 28, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 28, 226);  
box-shadow:4px 4px 4px 4px rgb(41, 28,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 54.4590, -55.8100, 64.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 28, 226) }
```

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

```
.background{ background-color: rgb(41, 28,  
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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