

Converting Colors

YIQ(63.3800, -54.5700, 52.8700)

Have a look what the booklet for
YIQ(63.3800, -54.5700, 52.8700)
contains.

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Color

**YIQ(63.3800, -54.5700,
52.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	2C2CD6
RGB	44, 44, 214
RGB Percent	17%, 17%, 84%
CMY	0.8273, 0.8275, 0.1611
CMYK	0.79, 0.79, 0.00, 0.16
HSL	240°, 67%, 51%
HSV	240°, 79%, 84%
XYZ	14.0668, 7.1880, 64.2049
YIQ	63.3800, -54.5700, 52.8700

Conversions

Conversions Part 2

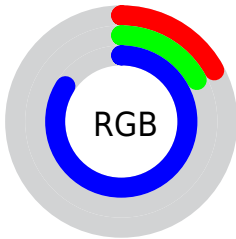
Format	Color
RYB	44, 44, 214
Decimal	2895062
CIELab	32.23, 56.59, -84.56
CIElCh	32, 101.743, 303.791
Yxy	7.1880, 0.1646, 0.0841
Android (android.graphics.Color)	4281085142 (0xFF2C2CD6)
YUV	63.3800, 74.2557, -16.9963
Hunter-Lab	26.8104, 46.7368, -123.2190

Details

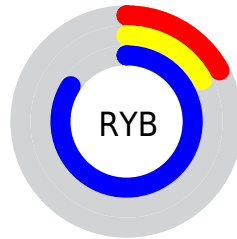
The YIQ color **63.3800, -54.5700, 52.8700** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **194.6200, 54.5700, -52.8700**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.1280, -36.1850, 55.5830**, and **18.0120, -50.7180, 49.1380** is the 20% darker color. If you saturate the color by 10%, you get **44.7740, -61.3110, 59.4010**, and if you desaturate by 10%, it is **81.9860, -47.8290, 46.3390**.

Distribution



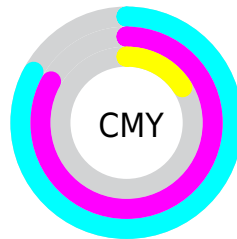
- Red (17%)
- Green (17%)
- Blue (84%)



- Red (17%)
- Yellow (17%)
- Blue (84%)



- Cyan (79%)
- Magenta (79%)
- Yellow (0%)
- Black (16%)



- Cyan (83%)
- Magenta (83%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.3800, -54.5700, 52.8700 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 63.3800, -54.5700, 52.8700 by changing the saturation by 10% instead.

■ 63.3800, -54.5700,
52.8700

■ 63.3800, -54.5700,
52.8700

■ 255.0000, -0.0000,
-0.0000

■ 32.2430, -64.6100,
47.5980

■ 120.1280,
-36.1850, 55.5830

■ 18.0120, -50.7180,
49.1380

■ 144.3710,
-23.9880, 49.2920

■ 14.8200, -41.7300,
40.4300

■ 169.7880,
-12.3410, 41.9550

■ 11.8560, -33.3840,
32.3440

■ 194.9060, -1.2900,
34.4060

■ 14.8760, -28.1090,
19.3390

■ 220.6110, 9.4860,
26.3340

■ 9.2050, -19.0300,
14.4900

■ 239.7380, 7.1500,

■ 4.9360, -11.1430,

13.5980

9.2170

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 63.3800, -54.5700,
52.8700

■ 63.3800, -54.5700,
52.8700

■ 44.7740, -61.3110,
59.4010

■ 81.9860, -47.8290,
46.3390

■ 25.2820, -68.3730,
66.2430

■ 101.4780,
-40.7670, 39.4970

■ 24.3960, -68.6940,
66.5540

■ 120.0840,
-34.0260, 32.9660

■ 139.5760,
-26.9640, 26.1240

■ 158.1820,
-20.2230, 19.5930

■ 176.7880,
-13.4820, 13.0620

■ 196.2800, -6.4200,
6.2200

■ 214.8860, 0.3210,
-0.3110

■ 234.3780, 7.3830,
-7.1530

Harmonies

Analogous

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



79.3580, -102.2030, 29.5490



63.3800, -54.5700, 52.8700



68.1150, 54.0870, 82.5910

Triad

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



63.3800, -54.5700, 52.8700



63.6120, 77.6660, 13.1700



68.9770, -55.0600, -26.3880

Complementary

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



63.3800, -54.5700, 52.8700



194.6200, 54.5700, -52.8700

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.



58.1130, -27.2250, -51.7770



63.3800, -54.5700, 52.8700



70.6140, 29.4850, -22.2510

Square

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



63.3800, -54.5700, 52.8700



56.2120, 112.0480, 39.8560



54.5910, -25.5750, -48.6390



79.2710, -81.2900, -2.5540

Rectangle

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



63.3800, -54.5700, 52.8700



69.8470, 86.5960, 71.6200



54.5910, -25.5750, -48.6390



65.0840, -45.4760, -34.8840

Sweetspot

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



63.3800, -54.5700, 52.8700



200.9540, -19.5810, 18.9710



163.1700, -101.3200, -36.0400



95.2180, -11.8770, 11.5070



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.



63.3800, -54.5700, 52.8700



40.5880, -77.6820, 75.2620



88.7950, -3.9100, 70.8900



97.2540, -3.5310, 3.4210



19.4940, -54.8910, 53.1810



4.9020, -13.8030, 13.3730

Inverse Universe

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



114.2100, 46.7500, 88.9100



112.9460, 66.5500, 126.5660



169.2050, 3.9100, -70.8900



100.5430, 3.0250, 5.7530



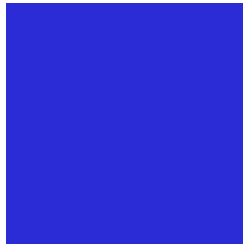
70.6230, 47.0250, 89.4330



17.7590, 11.8250, 22.4890

Previews

White Background



This preview shows how the YIQ color 63.3800, -54.5700, 52.8700 looks on a white background.

Color Contrast Check

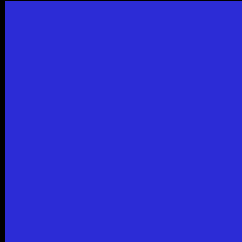
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.3800, -54.5700, 52.8700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

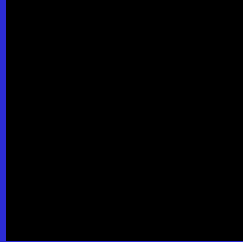
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.3800, -54.5700, 52.8700

Background



This preview shows how black text looks on a background with the YIQ color 63.3800, -54.5700, 52.8700.



This preview shows how white text looks on a background with the YIQ color 63.3800, -54.5700,

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

63.3800, -54.5700, 52.8700

Protanopia

60.2930, -69.1880, 9.4040

Deuteranopia

60.6060, -63.1800, -0.3640



Tritanopia

59.3400, -51.3480, -16.5640

Trichromacy



Original Color

63.3800, -54.5700, 52.8700

Protanomaly

61.1280, -63.6890, 25.3910

Deuteranomaly

61.8800, -60.2950, 18.9450

Tritanomaly

60.5630, -52.4530, 8.9790

Monochromacy



Original Color

63.3800, -54.5700, 52.8700

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0680, -19.9020, 19.2820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.3800, -54.5700, 52.8700 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(44, 44, 214)` looks like.

```
.text, #text, p{  
    color:rgb(44, 44, 214)  
}
```

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(44, 44, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 44, 214) }
```

Border

The CSS property to change the border of an element to YIQ 63.3800, -54.5700, 52.8700 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(44, 44, 214) }
```


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

```
.border{ border-color:rgb(44, 44, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 44, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 44, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 44, 214);  
box-shadow:4px 4px 4px 4px rgb(44, 44,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 63.3800, -54.5700, 52.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 44, 214) }
```

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

```
.background{ background-color: rgb(44, 44,  
214) }
```

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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