

Converting Colors

YIQ(54.4380, 8.2950, 20.3830)

Have a look what the booklet for
YIQ(54.4380, 8.2950, 20.3830)
contains.

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Color

**YIQ(54.4380, 8.2950,
20.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	4B2750
RGB	75, 39, 80
RGB Percent	29%, 15%, 31%
CMY	0.7058, 0.8471, 0.6863
CMYK	0.06, 0.51, 0.00, 0.69
HSL	293°, 34%, 23%
HSV	293°, 51%, 31%
XYZ	5.0769, 3.5262, 8.0025
YIQ	54.4380, 8.2950, 20.3830

Conversions

Conversions Part 2

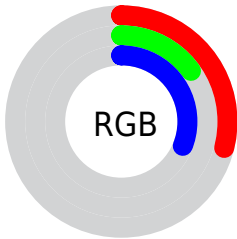
Format	Color
RYB	75, 39, 80
Decimal	4925264
CIELab	22.04, 24.34, -18.19
CIElCh	22, 30.388, 323.228
Yxy	3.5262, 0.3057, 0.2124
Android (android.graphics.Color)	4283115344 (0xFF4B2750)
YUV	54.4380, 12.6021, 18.0329
Hunter-Lab	18.7783, 15.3970, -12.1221

Details

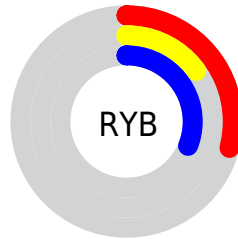
The YIQ color **54.4380, 8.2950, 20.3830** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.5620, -8.2950, -20.3830**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **101.9760, 9.7160, 22.1640**, and **13.5580, 7.8370, 17.6690** is the 20% darker color. If you saturate the color by 10%, you get **49.4430, 9.8990, 24.3550**, and if you desaturate by 10%, it is **59.4330, 6.6910, 16.4110**.

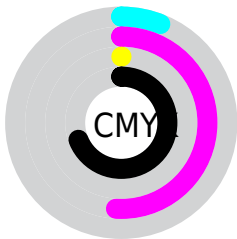
Distribution



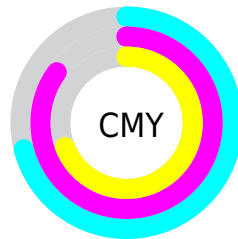
- Red (29%)
- Green (15%)
- Blue (31%)



- Red (29%)
- Yellow (15%)
- Blue (31%)



- Cyan (6%)
- Magenta (51%)
- Yellow (0%)
- Black (69%)



- Cyan (71%)
- Magenta (85%)
- Yellow (69%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.4380, 8.2950, 20.3830 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 54.4380, 8.2950, 20.3830 by changing the saturation by 10% instead.

■ 54.4380, 8.2950,
20.3830

■ 54.4380, 8.2950,
20.3830

■ 255.0000, -0.0000,
-0.0000

■ 32.0250, 8.0200,
19.8600

■ 101.9760, 9.7160,
22.1640

■ 13.5580, 7.8370,
17.6690

■ 127.5030, 9.6700,
22.9980

■ 1.2540, -3.5310,
3.4210

■ 153.8020, 10.2660,
23.2100


■ 0.0000, 0.0000,
0.0000


■ 180.6280, 10.8160,
24.2560

■ 208.0410, 11.0910,
24.7790

■ 232.6940, 10.4500,

19.8740


 249.7170, 2.4750,
4.7070

 54.4380, 8.2950,
20.3830


 54.4380, 8.2950,
20.3830

 49.4430, 9.8990,
24.3550


 59.4330, 6.6910,
16.4110


 44.4480, 11.5030,
28.3270


 64.4280, 5.0870,
12.4390


 39.4530, 13.1070,
32.2990

 69.4230, 3.4830,
8.4670

 34.4580, 14.7110,
36.2710

 74.4180, 1.8790,
4.4950

 30.0500, 16.0400,
39.7200

 79.4130, 0.2750,
0.5230

■ 84.4080, -1.3290,
-3.4490

■ 89.4030, -2.9330,
-7.4210

■ 94.3980, -4.5370,
-11.3930

■ 99.3930, -6.1410,
-15.3650

Harmonies

Analogous

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



52.3360, -18.0210, 12.7230



54.4380, 8.2950, 20.3830



52.7190, 26.4970, 20.9050

Triad

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



54.4380, 8.2950, 20.3830



50.2090, 26.7320, -10.9000



44.9610, -39.7950, -11.1790

Complementary

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



54.4380, 8.2950, 20.3830



64.5620, -8.2950, -20.3830

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.



42.3390, -32.4120, -18.3320



54.4380, 8.2950, 20.3830



48.1960, 10.4110, -17.9810

Square

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



54.4380, 8.2950, 20.3830



51.4200, 33.9280, 1.8640



43.6260, -14.3470, -20.8350



46.4260, -45.2980, -5.0580

Rectangle

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



54.4380, 8.2950, 20.3830



51.3190, 33.3750, 17.3990



43.6260, -14.3470, -20.8350



44.0490, -37.2270, -13.6670

Sweetspot

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



54.4380, 8.2950, 20.3830



95.0100, 3.2080, 7.9440



46.6090, -14.5360, 10.1360



47.5320, 1.5580, 4.8060



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



54.4380, 8.2950, 20.3830



64.4530, 13.1070, 32.2990



54.2230, 16.0900, 16.7780



38.3530, 0.5040, 1.8800



39.4780, 21.1270, 52.1590



87.4440, 47.1120, 115.4000

Inverse Universe

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



51.8290, 22.8310, 10.2470



60.3470, 36.1720, 16.2680



64.7770, -16.0900, -16.7780



38.1960, 2.3840, 0.8480



32.8770, 58.4070, 26.3030



72.5600, 129.2840, 57.8920

Previews

White Background



This preview shows how the YIQ color 54.4380, 8.2950, 20.3830 looks on a white background.

Color Contrast Check

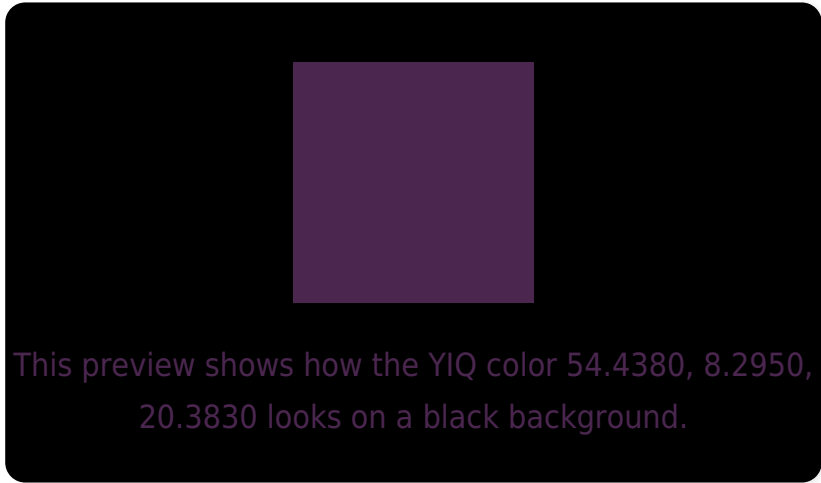
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

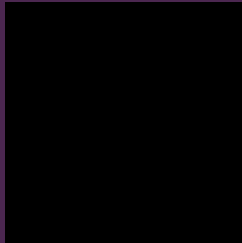
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 54.4380, 8.2950, 20.3830

Background



This preview shows how black text looks on a background with the YIQ color 54.4380, 8.2950, 20.3830.



This preview shows how white text looks on a background with the YIQ color 54.4380, 8.2950,

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

54.4380, 8.2950, 20.3830

Protanopia

51.7760, -22.3760, 9.0480

Deuteranopia

53.0450, -13.0680, 5.5560



Tritanopia

53.9310, 13.6160, 6.5440

Trichromacy



Original Color

54.4380, 8.2950, 20.3830

Protanomaly

52.5710, -11.3730, 13.3870

Deuteranomaly

53.5130, -5.4580, 10.8140

Tritanomaly

53.7230, 11.5060, 11.7460

Monochromacy



Original Color

54.4380, 8.2950, 20.3830

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.4830, 3.2540, 7.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.4380, 8.2950, 20.3830 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(75, 39, 80)` looks like.

```
.text, #text, p{  
    color:rgb(75, 39, 80)  
}
```

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(75, 39, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 39, 80) }
```

Border

The CSS property to change the border of an element to YIQ 54.4380, 8.2950, 20.3830 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(75, 39, 80) }
```


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

```
.border{ border-color:rgb(75, 39, 80) }
```

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

Here you see how a box with a 4 pixel rgb(75, 39, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 39, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 39, 80);  
box-shadow:4px 4px 4px 4px rgb(75, 39, 80)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.4380, 8.2950, 20.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 39, 80) }
```

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

```
.background{ background-color: rgb(75, 39,  
80) }
```

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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