

Converting Colors

YIQ(53.8280, 52.0760, 47.4360)

Have a look what the booklet for
YIQ(53.8280, 52.0760, 47.4360)
contains.

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Color

**YIQ(53.8280, 52.0760,
47.4360)**

Conversions

Conversions Part 1

Format	Color
Hex	85094D
RGB	133, 9, 77
RGB Percent	52%, 4%, 30%
CMY	0.4781, 0.9649, 0.6979
CMYK	0.00, 0.93, 0.42, 0.48
HSL	327°, 87%, 28%
HSV	327°, 93%, 52%
XYZ	11.1245, 5.7242, 7.5470
YIQ	53.8280, 52.0760, 47.4360

Conversions

Conversions Part 2

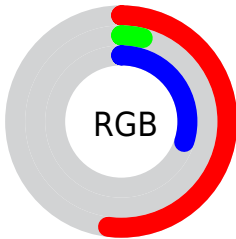
Format	Color
R_{YB}	133, 9, 77
Decimal	8718669
CIE _{Lab}	28.71, 51.88, -5.08
CIE _{LCh}	29, 52.129, 354.412
Yxy	5.7242, 0.4560, 0.2346
Android (android.graphics.Color)	4286908749 (0xFF85094D)
YUV	53.8280, 11.4238, 69.4338
Hunter-Lab	23.9252, 41.1280, -1.9548

Details

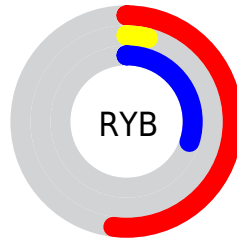
The YIQ color **53.8280, 52.0760, 47.4360** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **88.1720, -52.0760, -47.4360**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **114.6120, 52.4440, 40.7640**, and **27.0840, 35.8950, 26.7990** is the 20% darker color. If you saturate the color by 10%, you get **48.0890, 55.8350, 50.8990**, and if you desaturate by 10%, it is **62.1430, 46.5750, 42.5030**.

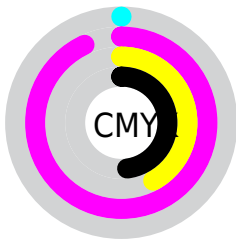
Distribution



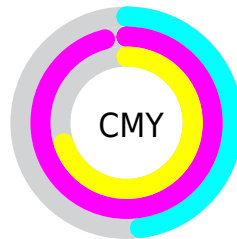
- Red (52%)
- Green (4%)
- Blue (30%)



- Red (52%)
- Yellow (4%)
- Blue (30%)



- Cyan (0%)
- Magenta (93%)
- Yellow (42%)
- Black (48%)



- Cyan (48%)
- Magenta (96%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.8280, 52.0760, 47.4360 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 53.8280, 52.0760, 47.4360 by changing the saturation by 10% instead.

■ 53.8280, 52.0760,
47.4360

■ 53.8280, 52.0760,
47.4360

■ 255.0000, -0.0000,
-0.0000

■ 37.5510, 45.2460,
39.0540

■ 114.6120, 52.4440,
40.7640

■ 27.0840, 35.8950,
26.7990

■ 142.3950, 54.5530,
41.0890

■ 17.1720, 29.2950,
14.2470

■ 170.1780, 56.6620,
41.4140

■ 2.3920, 4.7680,
1.6960


■ 191.3010, 42.9540,
36.5380


■ 0.0000, 0.0000,
0.0000


■ 210.9290, 26.2660,
30.6020


■ 229.7590, 11.8250,


22.4890


 246.7820, 3.8500,
7.3220

 53.8280, 52.0760,
47.4360


 53.8280, 52.0760,
47.4360

 48.0890, 55.8350,
50.8990

 62.1430, 46.5750,
42.5030

 71.0450, 40.7990,
37.0470

 79.3600, 35.2980,
32.1140

 87.6750, 29.7970,
27.1810

 96.5770, 24.0210,
21.7250

■ 104.8920, 18.5200,
16.7920

■ 113.2070, 13.0190,
11.8590

■ 121.5220, 7.5180,
6.9260

■ 130.4240, 1.7420,
1.4700

Harmonies

Analogous

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



66.8220, 16.6820, 39.0980



53.8280, 52.0760, 47.4360



55.7360, 63.3580, 30.1900

Triad

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



53.8280, 52.0760, 47.4360



59.5730, 10.3670, -28.2010



63.8830, -65.5180, -2.0460

Complementary

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



53.8280, 52.0760, 47.4360



88.1720, -52.0760, -47.4360

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.



61.2950, -55.4750, -13.3550



53.8280, 52.0760, 47.4360



49.1430, -26.7690, -38.0090

Square

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



53.8280, 52.0760, 47.4360



63.8910, 36.3150, -13.8690



56.0340, -42.0390, -25.5830



61.0110, -68.4540, 7.1140

Rectangle

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



53.8280, 52.0760, 47.4360



60.5330, 61.7110, 10.4710



56.0340, -42.0390, -25.5830



63.4440, -62.9040, -5.3680

Sweetspot

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



53.8280, 52.0760, 47.4360



142.3160, 20.2620, 18.2620



39.8800, -6.4280, 50.4360



67.7940, 12.7440, 11.3360



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



53.8280, 52.0760, 47.4360



62.5570, 72.6130, 66.2210



46.7600, 71.9780, 28.1540



62.1360, 2.6130, 2.2050



46.9640, 54.6890, 49.6410



1.0110, 1.4670, 0.9470

Inverse Universe

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



53.8280, 52.0760, 47.4360



62.5570, 72.6130, 66.2210



95.2400, -71.9780, -28.1540



62.1360, 2.6130, 2.2050



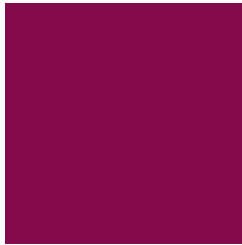
46.9640, 54.6890, 49.6410



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 53.8280, 52.0760, 47.4360 looks on a white background.

Color Contrast Check

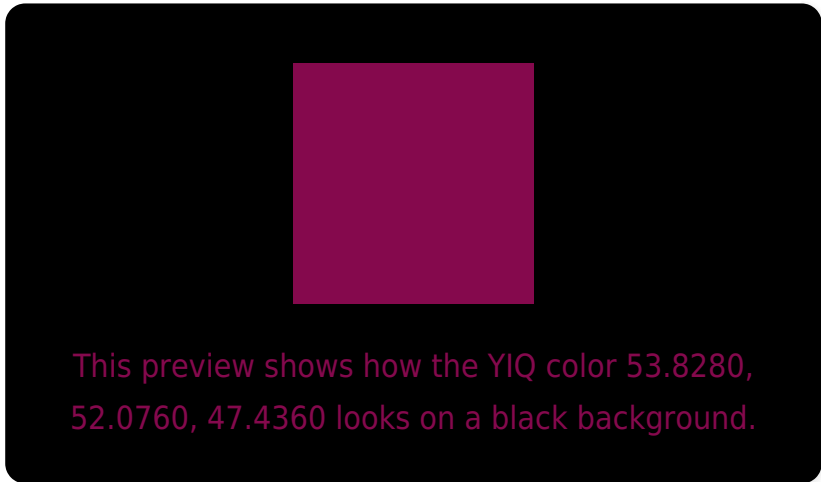
Large Text (above 18pt) WCAG AA ✓ Pass

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

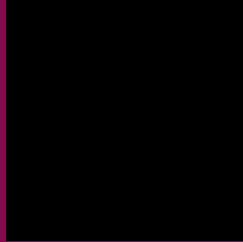
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.8280, 52.0760, 47.4360

Background



This preview shows how black text looks on a background with the YIQ color 53.8280, 52.0760, 47.4360.



This preview shows how white text looks on a background with the YIQ color 53.8280, 52.0760,

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

53.8280, 52.0760, 47.4360

Protanopia

69.4880, -21.5050, 9.7830

Deuteranopia

70.7340, 3.8050, 2.6290



Tritanopia

61.0140, 59.2790, 21.5110

Trichromacy



Original Color

53.8280, 52.0760, 47.4360

Protanomaly

63.5780, 5.0850, 23.4930

Deuteranomaly

64.9140, 21.4540, 18.6860

Tritanomaly

58.4410, 56.9390, 30.8830

Monochromacy



Original Color

53.8280, 52.0760, 47.4360

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.1910, 19.1160, 17.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.8280, 52.0760, 47.4360 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(133, 9, 77)` looks like.

```
.text, #text, p{  
    color:rgb(133, 9, 77)  
}
```

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(133, 9, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 9, 77) }
```

Border

The CSS property to change the border of an element to YIQ 53.8280, 52.0760, 47.4360 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(133, 9, 77) }
```


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

```
.border{ border-color:rgb(133, 9, 77) }
```

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

Here you see how a box with a 4 pixel rgb(133, 9, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 9, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 9, 77);  
box-shadow:4px 4px 4px 4px rgb(133, 9, 77)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.8280, 52.0760, 47.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 9, 77) }
```

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

```
.background{ background-color: rgb(133, 9,  
77) }
```

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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