

Converting Colors

YIQ(55.7510, 6.2760, 29.4440)

Have a look what the booklet for
YIQ(55.7510, 6.2760, 29.4440)
contains.

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Color

**YIQ(55.7510, 6.2760,
29.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	502363
RGB	80, 35, 99
RGB Percent	31%, 14%, 39%
CMY	0.6861, 0.8628, 0.6118
CMYK	0.19, 0.65, 0.00, 0.61
HSL	282°, 48%, 26%
HSV	282°, 65%, 39%
XYZ	6.1637, 3.8088, 12.2131
YIQ	55.7510, 6.2760, 29.4440

Conversions

Conversions Part 2

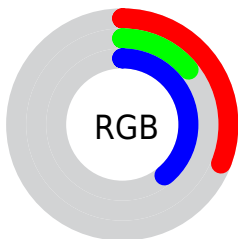
Format	Color
RYB	80, 35, 99
Decimal	5251939
CIELab	23.03, 32.65, -29.16
CIELCh	23, 43.779, 318.232
Yxy	3.8088, 0.2778, 0.1717
Android (android.graphics.Color)	4283442019 (0xFF502363)
YUV	55.7510, 21.3218, 21.2664
Hunter-Lab	19.5161, 22.2220, -23.4421




Details

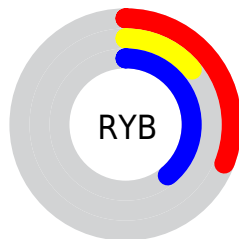
The YIQ color **55.7510, 6.2760, 29.4440** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **78.2490, -6.2760, -29.4440**, and the grayscale version is **56.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **104.9900, 7.1010, 31.0130**, and **16.0940, 3.5720, 23.3800** is the 20% darker color. If you saturate the color by 10%, you get **48.9840, 7.2380, 34.0380**, and if you desaturate by 10%, it is **62.5180, 5.3140, 24.8500**.

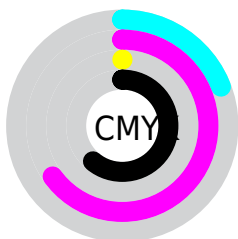
Distribution







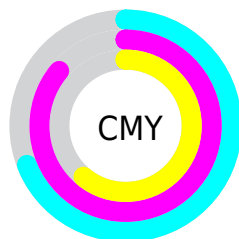
-  Red (31%)
-  Green (14%)
-  Blue (39%)






-  Red (31%)
-  Yellow (14%)
-  Blue (39%)



-  Cyan (19%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (61%)



-  Cyan (69%)
-  Magenta (86%)
-  Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.7510, 6.2760, 29.4440 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 55.7510, 6.2760, 29.4440 by changing the saturation by 10% instead.

■ 55.7510, 6.2760,
29.4440

■ 55.7510, 6.2760,
29.4440

■ 255.0000, -0.0000,
-0.0000

■ 31.7510, 6.2760,
29.4440

■ 104.9900, 7.1010,
31.0130

■ 16.0940, 3.5720,
23.3800

■ 130.2290, 7.9260,
32.5820

■ 3.4200, -9.6300,
9.3300

■ 157.0550, 8.4760,
33.6280

■ 0.0000, 0.0000,
0.0000


■ 184.4680, 8.7510,
34.1510


■ 211.4960, 11.5480,
33.0200

■ 231.5200, 11.0000,


20.9200


 248.5430, 3.0250,
5.7530

 55.7510, 6.2760,
29.4440

 55.7510, 6.2760,
29.4440


 48.9840, 7.2380,
34.0380


 62.5180, 5.3140,
24.8500


 42.2170, 8.2000,
38.6320


 69.2850, 4.3520,
20.2560

 35.4500, 9.1620,
43.2260

 76.0520, 3.3900,
15.6620

 32.2160, 9.9410,
45.6290

 82.8190, 2.4280,
11.0680

 88.9990, 1.7410,
6.9970

■ 95.7660, 0.7790,
2.4030

■ 102.5330, -0.1830,
-2.1910

■ 109.0010, -1.7410,
-6.9970

■ 115.7680, -2.7030,
-11.5910

Harmonies

Analogous

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



46.0690, -48.0060, 10.9860



55.7510, 6.2760, 29.4440



48.3650, 36.9020, 36.0860

Triad

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



55.7510, 6.2760, 29.4440



52.3840, 33.6090, -8.8790



49.0530, -43.0500, -12.7620

Complementary

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



55.7510, 6.2760, 29.4440



78.2490, -6.2760, -29.4440

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.



44.4760, -31.5400, -23.1240



55.7510, 6.2760, 29.4440



49.5830, 13.5750, -20.2570

Square

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



55.7510, 6.2760, 29.4440



49.4990, 49.8830, 4.5630



38.6110, -19.1590, -32.7510



51.6580, -51.7630, -3.5310

Rectangle

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



55.7510, 6.2760, 29.4440



44.4170, 48.3190, 32.9190



38.6110, -19.1590, -32.7510



47.6850, -39.1980, -16.4940

Sweetspot

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



55.7510, 6.2760, 29.4440



110.9330, 2.1070, 11.3790



53.4490, -25.7690, 9.9670



53.7000, 1.1450, 6.7850



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



55.7510, 6.2760, 29.4440



60.3300, 9.6200, 45.9400



59.9500, 21.7730, 29.4290



45.3530, 0.5040, 1.8800



36.3890, 11.1320, 51.5800



77.8910, 23.6840, 110.4680

Inverse Universe

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



56.3020, 32.0450, 19.4770



61.2060, 50.2910, 30.2190



74.0500, -21.7730, -29.4290



45.3100, 2.0630, 1.1590



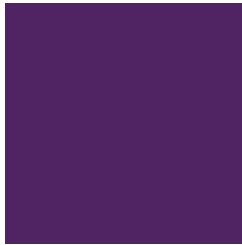
37.2500, 56.1590, 34.0070



79.8540, 120.2490, 72.9610

Previews

White Background



This preview shows how the YIQ color 55.7510, 6.2760, 29.4440 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

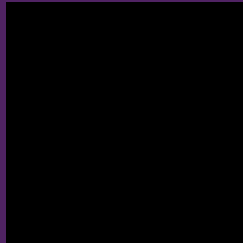
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.7510, 6.2760, 29.4440

Background



This preview shows how black text looks on a background with the YIQ color 55.7510, 6.2760, 29.4440.



This preview shows how white text looks on a background with the YIQ color 55.7510, 6.2760,

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

55.7510, 6.2760, 29.4440

Deuteranopia

51.7750, -29.8030, 5.9810

Tritanopia

56.6320, 13.0200, 6.3320

Trichromacy



Original Color

55.7510, 6.2760, 29.4440

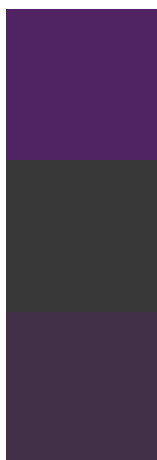
Deuteranomaly

52.8740, -16.6000, 14.5040

Tritanomaly

56.5320, 10.7260, 14.8700

Monochromacy



Original Color

55.7510, 6.2760, 29.4440

Achromatopsia

56.0000, -0.0000, 0.0000

Achromatomaly

55.8190, 2.4280, 11.0680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.7510, 6.2760, 29.4440 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(80, 35, 99)` looks like.

```
.text, #text, p{  
    color:rgb(80, 35, 99)  
}
```

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(80, 35, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 35, 99) }
```

Border

The CSS property to change the border of an element to YIQ 55.7510, 6.2760, 29.4440 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(80, 35, 99) }
```

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

```
.border{ border-color:rgb(80, 35, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 35, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 35, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 35, 99);  
box-shadow:4px 4px 4px 4px rgb(80, 35, 99)  
}
```


Background

The CSS property to change the background color of an element to YIQ 55.7510, 6.2760, 29.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 35, 99) }
```

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

```
.background{ background-color: rgb(80, 35,  
99) }
```

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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