

Converting Colors

YIQ(57.7550, 0.4530, 30.3490)

Have a look what the booklet for
YIQ(57.7550, 0.4530, 30.3490)
contains.

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Color

**YIQ(57.7550, 0.4530,
30.3490)**

Conversions

Conversions Part 1

Format	Color
Hex	4D266D
RGB	77, 38, 109
RGB Percent	30%, 15%, 43%
CMY	0.6979, 0.8510, 0.5726
CMYK	0.29, 0.65, 0.00, 0.57
HSL	273°, 48%, 29%
HSV	273°, 65%, 43%
XYZ	6.5156, 4.0683, 14.9060
YIQ	57.7550, 0.4530, 30.3490

Conversions

Conversions Part 2

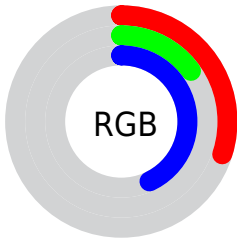
Format	Color
RYB	77, 38, 109
Decimal	5056109
CIELab	23.90, 32.67, -34.29
CIELCh	24, 47.361, 313.611
Yxy	4.0683, 0.2556, 0.1596
Android (android.graphics.Color)	4283246189 (0xFF4D266D)
YUV	57.7550, 25.2638, 16.8779
Hunter-Lab	20.1699, 22.3642, -29.6976

Details

The YIQ color **57.7550, 0.4530, 30.3490** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **89.2450, -0.4530, -30.3490**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **106.8200, 1.8280, 32.9640**, and **15.6250, -2.2970, 25.1190** is the 20% darker color. If you saturate the color by 10%, you get **49.8030, 0.4980, 35.0420**, and if you desaturate by 10%, it is **65.7070, 0.4080, 25.6560**.

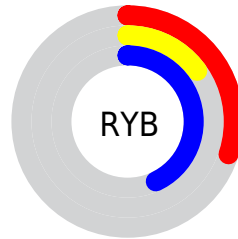
Distribution



 Red (30%)

 Green (15%)

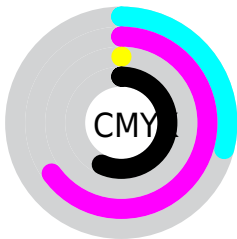
 Blue (43%)




 Red (30%)

 Yellow (15%)

 Blue (43%)

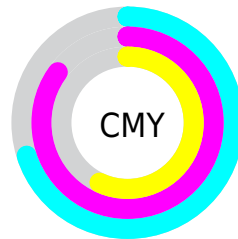



 Cyan (29%)


 Magenta (65%)

 Yellow (0%)

 Black (57%)



 Cyan (70%)

 Magenta (85%)

 Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.7550, 0.4530, 30.3490 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 57.7550, 0.4530, 30.3490 by changing the saturation by 10% instead.

■ 57.7550, 0.4530,
30.3490

■ 57.7550, 0.4530,
30.3490

■ 255.0000, -0.0000,
-0.0000

■ 33.9290, -0.0970,
29.3030

■ 106.8200, 1.8280,
32.9640

■ 15.6250, -2.2970,
25.1190

■ 132.3470, 1.7820,
33.7980

■ 4.3320, -12.1980,
11.8180

■ 159.1730, 2.3320,
34.8440

■ 2.2970, -5.0900,
4.1420

■ 186.7000, 2.2860,
35.6780

■ 0.0000, 0.0000,
0.0000

■ 212.3600, 8.9350,
30.8150

■ 233.2810, 10.1750,

19.3510

250.3040, 2.2000,
4.1840

57.7550, 0.4530,
30.3490

57.7550, 0.4530,
30.3490

49.8030, 0.4980,
35.0420

65.7070, 0.4080,
25.6560

41.8510, 0.5430,
39.7350

73.6590, 0.3630,
20.9630

33.8990, 0.5880,
44.4280

81.6110, 0.3180,
16.2700

30.3660, 0.7710,
46.6190

89.5630, 0.2730,
11.5770

96.9280, 0.5030,
7.4070

■ 104.5810, -0.1380,
2.5020

■ 112.5330, -0.1830,
-2.1910

■ 120.4850, -0.2280,
-6.8840

■ 128.4370, -0.2730,
-11.5770

Harmonies

Analogous

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



47.3500, -56.1670, 10.2090



57.7550, 0.4530, 30.3490



48.5270, 36.6260, 41.0900

Triad

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



57.7550, 0.4530, 30.3490



54.1890, 38.6520, -6.6600



50.5860, -43.2330, -14.9530

Complementary

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



57.7550, 0.4530, 30.3490



89.2450, -0.4530, -30.3490

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.



45.6670, -30.7600, -26.2480



57.7550, 0.4530, 30.3490



51.9640, 16.8760, -19.5080

Square

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



57.7550, 0.4530, 30.3490



49.4120, 54.7420, 10.1180



40.8240, -15.4450, -33.9810



53.7610, -53.5510, -4.1670

Rectangle

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



57.7550, 0.4530, 30.3490



41.7260, 52.1230, 41.0750



40.8240, -15.4450, -33.9810



49.1040, -39.0600, -18.9960

Sweetspot

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



57.7550, 0.4530, 30.3490



122.0900, 0.2270, 12.4110



64.8780, -31.5910, 5.3450



58.9280, 0.5030, 7.4070



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



57.7550, 0.4530, 30.3490



62.3060, 1.0000, 47.9760



66.8670, 20.8090, 35.8890



49.5810, -0.1380, 2.5020



32.7730, 1.1830, 50.1670



68.2950, 1.8150, 104.8150

Inverse Universe

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



62.8770, 32.0440, 25.0040



70.3020, 50.3810, 39.6050



80.1330, -20.8090, -35.8890



50.1360, 2.6130, 2.2050



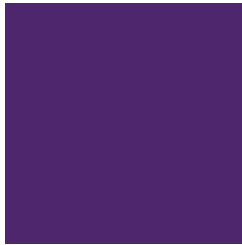
41.0250, 52.7190, 41.2870



85.7950, 110.7100, 86.1500

Previews

White Background



This preview shows how the YIQ color 57.7550, 0.4530, 30.3490 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 57.7550, 0.4530, 30.3490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

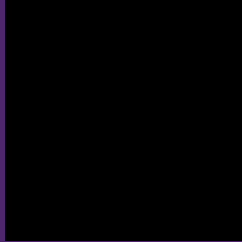
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.7550, 0.4530, 30.3490

Background



This preview shows how black text looks on a background with the YIQ color 57.7550, 0.4530, 30.3490.



This preview shows how white text looks on a background with the YIQ color 57.7550, 0.4530,

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

57.7550, 0.4530, 30.3490

Protanopia

45.7370, -53.0030, 7.9330

Deuteranopia

46.4890, -49.6090, 1.4870



Tritanopia

58.6420, 7.0600, 4.2120

Trichromacy



Original Color

57.7550, 0.4530, 30.3490

Protanomaly

50.2450, -33.7020, 16.0740

Deuteranomaly

50.3930, -31.3630, 12.2290

Tritanomaly

58.1830, 4.3990, 13.8950

Monochromacy



Original Color

57.7550, 0.4530, 30.3490

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.1500, -0.0020, 11.0540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.7550, 0.4530, 30.3490 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(77, 38, 109)` looks like.

```
.text, #text, p{  
    color:rgb(77, 38, 109)  
}
```

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(77, 38, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 38, 109) }
```

Border

The CSS property to change the border of an element to YIQ 57.7550, 0.4530, 30.3490 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(77, 38, 109) }
```


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

```
.border{ border-color:rgb(77, 38, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 38, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 38, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 38, 109);  
box-shadow:4px 4px 4px 4px rgb(77, 38,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 57.7550, 0.4530, 30.3490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 38, 109) }
```

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

```
.background{ background-color: rgb(77, 38,  
109) }
```

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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