

Converting Colors

YIQ(57.3530, -32.7450, 48.3030)

Have a look what the booklet for
YIQ(57.3530, -32.7450, 48.3030)
contains.

YIQ(57.3530, -32.7450, 48.3030)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(57.3530, -32.7450,
48.3030)**

Conversions

Conversions Part 1

Format	Color
Hex	3823B0
RGB	56, 35, 176
RGB Percent	22%, 14%, 69%
CMY	0.7802, 0.8628, 0.3100
CMYK	0.68, 0.80, 0.00, 0.31
HSL	249°, 67%, 41%
HSV	249°, 80%, 69%
XYZ	10.0641, 5.1755, 41.5112
YIQ	57.3530, -32.7450, 48.3030

Conversions

Conversions Part 2

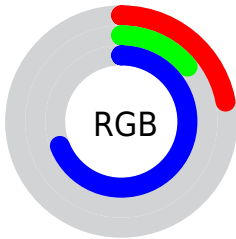
Format	Color
R_{YB}	56, 35, 176
Decimal	3679152
CIE Lab	27.23, 50.21, -70.49
CIE LCh	27, 86.545, 305.465
Yxy	5.1755, 0.1773, 0.0912
Android (android.graphics.Color)	4281869232 (0xFF3823B0)
YUV	57.3530, 58.4930, -1.1866
Hunter-Lab	22.7497, 39.1531, -92.2610

Details

The YIQ color **57.3530, -32.7450, 48.3030** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **153.6470, 32.7450, -48.3030**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.7500, -26.3730, 53.9710**, and **13.9080, -39.1620, 37.9420** is the 20% darker color. If you saturate the color by 10%, you get **42.3020, -36.7350, 54.5370**, and if you desaturate by 10%, it is **72.4040, -28.7550, 42.0690**.

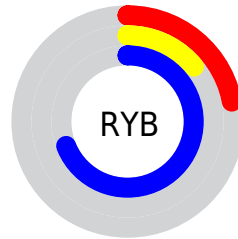
Distribution



 Red (22%)

 Green (14%)

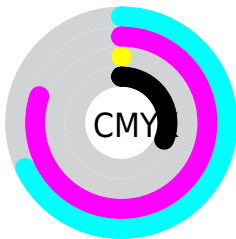
 Blue (69%)




 Red (22%)

 Yellow (14%)

 Blue (69%)

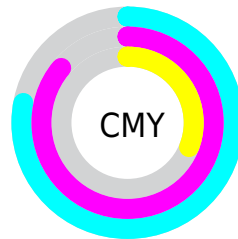


 Cyan (68%)

 Magenta (80%)

 Yellow (0%)

 Black (31%)



 Cyan (78%)

 Magenta (86%)

 Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.3530, -32.7450, 48.3030 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 57.3530, -32.7450, 48.3030 by changing the saturation by 10% instead.

■ 57.3530, -32.7450,
48.3030

■ 57.3530, -32.7450,
48.3030

■ 255.0000, -0.0000,
-0.0000

■ 22.2800, -48.8370,
42.5790

■ 111.7500,
-26.3730, 53.9710

■ 13.9080, -39.1620,
37.9420

■ 137.9030,
-22.4300, 54.0980

■ 10.9440, -30.8160,
29.8560

■ 162.4230,
-12.5710, 46.1250

■ 12.7900, -24.9910,
17.8970

■ 186.6550, -1.8410,
38.8870

■ 7.8200, -16.5080,
12.8360

■ 212.3600, 8.9350,
30.8150

■ 3.5510, -8.6210,
7.5630

■ 233.2810, 10.1750,

■ 0.0000, 0.0000,

19.3510

0.0000

250.3040, 2.2000,
4.1840

57.3530, -32.7450,
48.3030

57.3530, -32.7450,
48.3030

42.3020, -36.7350,
54.5370

72.4040, -28.7550,
42.0690

27.8380, -41.0000,
60.2480

86.8680, -24.4900,
36.3580

101.9190,
-20.5000, 30.1240

116.3830,
-16.2350, 24.4130

131.4340,
-12.2450, 18.1790

■ 146.4850, -8.2550,
11.9450

■ 160.9490, -3.9900,
6.2340

■ 176.0000, -0.0000,
-0.0000

■ 190.4640, 4.2650,
-5.7110

Harmonies

Analogous

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



65.8790, -84.9170, 24.6430



57.3530, -32.7450, 48.3030



57.4480, 48.1750, 68.5830

Triad

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



57.3530, -32.7450, 48.3030



56.1370, 62.7660, 7.8700



59.1460, -48.0460, -21.3420

Complementary

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



57.3530, -32.7450, 48.3030



153.6470, 32.7450, -48.3030

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.



49.3080, -23.1000, -43.9320



57.3530, -32.7450, 48.3030



59.9600, 22.6990, -20.4130

Square

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



57.3530, -32.7450, 48.3030



46.9430, 93.5720, 33.2840



46.3730, -21.7250, -41.3170



67.8440, -69.7820, -1.8620

Rectangle

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



57.3530, -32.7450, 48.3030



58.5260, 73.8980, 59.4500



46.3730, -21.7250, -41.3170



55.8230, -40.0670, -28.2830

Sweetspot

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



57.3530, -32.7450, 48.3030



183.0750, -12.6120, 19.3240



122.6880, -78.8110, -19.9550



86.3710, -7.9340, 11.6340



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



57.3530, -32.7450, 48.3030



44.0610, -51.2730, 75.7270



77.6850, 7.7830, 62.7190



79.3250, -2.2930, 3.0110



23.6780, -35.0380, 51.3140



3.5190, -5.5950, 7.7890

Inverse Universe

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



90.8390, 45.5160, 67.2120



96.5110, 71.3680, 105.3200



133.3150, -7.7830, -62.7190



81.4890, 3.1170, 4.0850



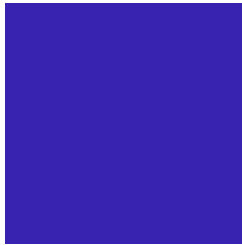
59.4420, 48.3120, 71.6080



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 57.3530, -32.7450, 48.3030 looks on a white background.

Color Contrast Check

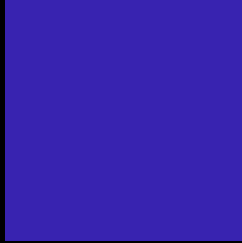
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.3530, -32.7450, 48.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

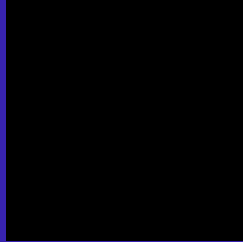
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.3530, -32.7450, 48.3030

Background



This preview shows how black text looks on a background with the YIQ color 57.3530, -32.7450, 48.3030.



This preview shows how white text looks on a background with the YIQ color 57.3530, -32.7450,

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

57.3530, -32.7450, 48.3030

Protanopia

51.3280, -59.1010, 8.3150

Deuteranopia

52.0970, -54.3770, -0.2090



Tritanopia

50.9280, -44.1960, -14.0200

Trichromacy



Original Color

57.3530, -32.7450, 48.3030

Protanomaly

53.2620, -49.5670, 22.7610

Deuteranomaly

53.6550, -46.5400, 17.4600

Tritanomaly

53.3810, -40.2570, 8.2150

Monochromacy



Original Color

57.3530, -32.7450, 48.3030

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.2060, -11.6030, 17.5570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.3530, -32.7450, 48.3030 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(56, 35, 176)` looks like.

```
.text, #text, p{  
    color:rgb(56, 35, 176)  
}
```

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(56, 35, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 35, 176) }
```

Border

The CSS property to change the border of an element to YIQ 57.3530, -32.7450, 48.3030 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(56, 35, 176) }
```


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

```
.border{ border-color:rgb(56, 35, 176) }
```

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

Here you see how a box with a 4 pixel rgb(56, 35, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 35, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 35, 176);  
box-shadow:4px 4px 4px 4px rgb(56, 35,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 57.3530, -32.7450, 48.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 35, 176) }
```

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

```
.background{ background-color: rgb(56, 35,  
176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor