

Converting Colors

YIQ(43.2000, -27.5200, 58.2400)

Have a look what the booklet for
YIQ(43.2000, -27.5200, 58.2400)
contains.

YIQ(43.2000, -27.5200, 58.2400)	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(43.2000, -27.5200,
58.2400)**

Conversions

Conversions Part 1

Format	Color
Hex	350DAD
RGB	53, 13, 173
RGB Percent	21%, 5%, 68%
CMY	0.7919, 0.9491, 0.3218
CMYK	0.69, 0.92, 0.00, 0.32
HSL	255°, 86%, 36%
HSV	255°, 92%, 68%
XYZ	9.1516, 4.0605, 39.8064
YIQ	43.2000, -27.5200, 58.2400

Conversions

Conversions Part 2

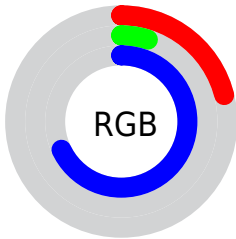
Format	Color
RYB	53, 13, 173
Decimal	3476909
CIELab	23.87, 57.31, -74.27
CIELCh	24, 93.810, 307.659
Yxy	4.0605, 0.1726, 0.0766
Android (android.graphics.Color)	4281666989 (0xFF350DAD)
YUV	43.2000, 63.9914, 8.5946
Hunter-Lab	20.1507, 45.8037, -103.0184




Details

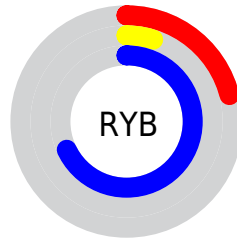
The YIQ color **43.2000, -27.5200, 58.2400** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **142.8000, 27.5200, -58.2400**, and the grayscale version is **43.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **101.4180, -22.2020, 60.9820**, and **13.5660, -38.1990, 37.0090** is the 20% darker color. If you saturate the color by 10%, you get **32.5790, -29.9050, 62.9190**, and if you desaturate by 10%, it is **57.0660, -24.4470, 52.1050**.

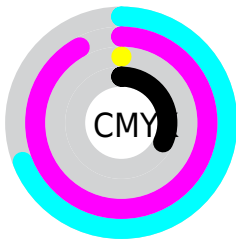
Distribution







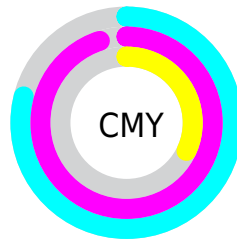
-  Red (21%)
-  Green (5%)
-  Blue (68%)






-  Red (21%)
-  Yellow (5%)
-  Blue (68%)



-  Cyan (69%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (79%)
-  Magenta (95%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.2000, -27.5200, 58.2400 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 43.2000, -27.5200, 58.2400 by changing the saturation by 10% instead.

■ 43.2000, -27.5200,
58.2400

■ 43.2000, -27.5200,
58.2400

■ 255.0000, -0.0000,
-0.0000

■ 16.6440, -46.8660,
45.4060

■ 101.4180,
-22.2020, 60.9820

■ 13.5660, -38.1990,
37.0090

■ 128.5000,
-19.4970, 61.5190

■ 10.6020, -29.8530,
28.9230

■ 152.7320, -8.7670,
54.2810

■ 12.4480, -24.0280,
16.9640

■ 177.8500, 2.2840,
46.7320

■ 6.8910, -15.2700,
12.4260

■ 203.2560, 12.4640,
38.4480


■ 3.2090, -7.6580,
6.6300


■ 224.4760, 14.3000,


■ 0.0000, 0.0000,


27.1960


0.0000


 240.9120, 6.6000,
12.5520


 43.2000, -27.5200,
58.2400


 43.2000, -27.5200,
58.2400


 32.5790, -29.9050,
62.9190

 57.0660, -24.4470,
52.1050

 71.5190, -21.6490,
45.4470

 85.3850, -18.5760,
39.3120

 99.2510, -15.5030,
33.1770

 113.1170,
-12.4300, 27.0420

■ 127.5700, -9.6320,
20.3840

■ 141.4360, -6.5590,
14.2490

■ 155.3020, -3.4860,
8.1140

■ 169.7550, -0.6880,
1.4560

Harmonies

Analogous

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



61.9980, -83.6340, 28.9260



43.2000, -27.5200, 58.2400



56.4220, 51.0640, 65.7840

Triad

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



43.2000, -27.5200, 58.2400



48.4510, 59.0060, 9.9340



54.2220, -45.2040, -17.7800

Complementary

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



43.2000, -27.5200, 58.2400



142.8000, 27.5200, -58.2400

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.



44.6120, -20.9000, -39.7480



43.2000, -27.5200, 58.2400



51.9530, 15.4090, -20.4550

Square

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



43.2000, -27.5200, 58.2400



44.8500, 89.4000, 31.8000



42.2640, -19.8000, -37.6560



63.3760, -68.2240, 2.9440

Rectangle

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



43.2000, -27.5200, 58.2400



56.5600, 76.5580, 55.2940



42.2640, -19.8000, -37.6560



51.3720, -37.1790, -25.5550

Sweetspot

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



43.2000, -27.5200, 58.2400



173.5530, -10.9620, 22.4620



101.6800, -84.3600, -13.0000



81.3220, -6.2380, 13.9380



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



43.2000, -27.5200, 58.2400



42.2800, -38.5280, 81.5360



67.1200, 20.1600, 75.2000



79.6240, -1.6970, 3.2230



28.4620, -25.5020, 54.7060



4.4160, -3.8070, 8.4250

Inverse Universe

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



74.5200, 56.8400, 71.2400



86.1280, 79.5760, 99.7360



118.8800, -20.1600, -75.2000



81.4890, 3.1170, 4.0850



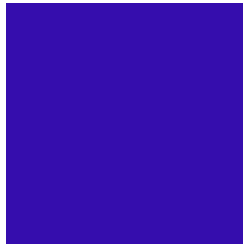
57.7320, 53.1270, 66.9430



8.8150, 8.2510, 10.1630

Previews

White Background



This preview shows how the YIQ color 43.2000, -27.5200, 58.2400 looks on a white background.

Color Contrast Check

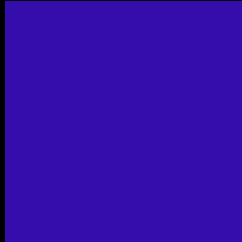
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.2000, -27.5200, 58.2400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

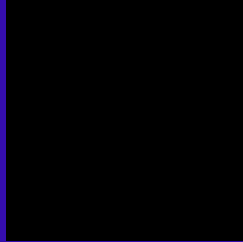
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.2000, -27.5200, 58.2400

Background



This preview shows how black text looks on a background with the YIQ color 43.2000, -27.5200, 58.2400.



This preview shows how white text looks on a background with the YIQ color 43.2000, -27.5200,

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

43.2000, -27.5200, 58.2400

Protanopia

46.3240, -53.2780, 7.4100

Deuteranopia

46.6200, -48.6000, -0.2800



Tritanopia

45.9070, -39.7030, -12.8470

Trichromacy



Original Color

43.2000, -27.5200, 58.2400

Protanomaly

44.8930, -43.9740, 26.0260

Deuteranomaly

45.4000, -41.2680, 21.0360

Tritanomaly

44.7670, -35.3520, 12.9360

Monochromacy



Original Color

43.2000, -27.5200, 58.2400

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.0970, -9.6780, 21.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.2000, -27.5200, 58.2400 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(53, 13, 173)` looks like.

```
.text, #text, p{  
    color:rgb(53, 13, 173)  
}
```

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(53, 13, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 13, 173) }
```

Border

The CSS property to change the border of an element to YIQ 43.2000, -27.5200, 58.2400 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(53, 13, 173) }
```


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

```
.border{ border-color:rgb(53, 13, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 13, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 13, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 13, 173);  
box-shadow:4px 4px 4px 4px rgb(53, 13,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 43.2000, -27.5200, 58.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 13, 173) }
```

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

```
.background{ background-color: rgb(53, 13,  
173) }
```

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