

Converting Colors

YIQ(58.9420, -27.3340, 43.8500)

Have a look what the booklet for
YIQ(58.9420, -27.3340, 43.8500)
contains.

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Color

**YIQ(58.9420, -27.3340,
43.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	3C26A4
RGB	60, 38, 164
RGB Percent	24%, 15%, 64%
CMY	0.7646, 0.8510, 0.3571
CMYK	0.63, 0.77, 0.00, 0.36
HSL	250°, 62%, 40%
HSV	251°, 77%, 64%
XYZ	9.2544, 5.0258, 35.5794
YIQ	58.9420, -27.3340, 43.8500

Conversions

Conversions Part 2

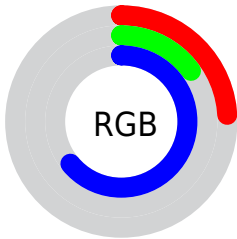
Format	Color
R_{YB}	60, 38, 164
Decimal	3942052
CIE _{Lab}	26.81, 45.51, -63.95
CIE _{LCh}	27, 78.487, 305.436
Yxy	5.0258, 0.1856, 0.1008
Android (android.graphics.Color)	4282132132 (0xFF3C26A4)
YUV	58.9420, 51.7936, 0.9279
Hunter-Lab	22.4183, 34.4540, -78.4046

Details

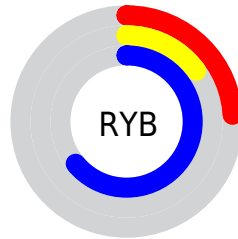
The YIQ color **58.9420, -27.3340, 43.8500** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **143.0580, 27.3340, -43.8500**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **111.4420, -22.7500, 48.8820**, and **12.6540, -35.6310, 34.5210** is the 20% darker color. If you saturate the color by 10%, you get **45.6630, -30.6820, 49.4620**, and if you desaturate by 10%, it is **72.5200, -23.3900, 38.4500**.

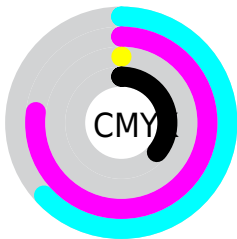
Distribution



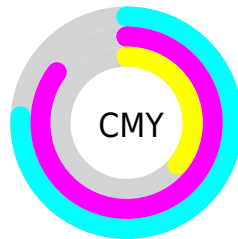
- Red (24%)
- Green (15%)
- Blue (64%)



- Red (24%)
- Yellow (15%)
- Blue (64%)



- Cyan (63%)
- Magenta (77%)
- Yellow (0%)
- Black (36%)



- Cyan (76%)
- Magenta (85%)
- Yellow (36%)
- Black (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.9420, -27.3340, 43.8500 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 58.9420, -27.3340, 43.8500 by changing the saturation by 10% instead.

■ 58.9420, -27.3340,
43.8500

■ 58.9420, -27.3340,
43.8500

■ 255.0000, -0.0000,
-0.0000

■ 30.1150, -35.3110,
39.7370

■ 111.4420,
-22.7500, 48.8820

■ 12.6540, -35.6310,
34.5210

■ 138.0940,
-21.6500, 50.9740

■ 9.8040, -27.6060,
26.7460

■ 162.7110,
-13.4420, 45.3900

■ 10.4760, -21.2310,
15.8330

■ 187.5300, -2.9870,
37.6290

■ 6.0930, -13.0230,
10.2490

■ 212.9360, 7.1930,
29.3450

■ 2.2970, -5.0900,
4.1420

■ 234.4550, 9.6250,

■ 0.0000, 0.0000,

18.3050

0.0000

251.4780, 1.6500,
3.1380

58.9420, -27.3340,
43.8500

58.9420, -27.3340,
43.8500

45.6630, -30.6820,
49.4620

72.5200, -23.3900,
38.4500

31.4980, -34.3510,
55.3850

86.3860, -20.3170,
32.3150

27.3670, -35.3600,
57.1520

99.9640, -16.3730,
26.9150

113.8300,
-13.3000, 20.7800

127.4080, -9.3560,
15.3800

■ 140.6870, -6.0080,
9.7680

■ 154.8520, -2.3390,
3.8450

■ 168.1310, 1.0090,
-1.7670

■ 182.2960, 4.6780,
-7.6900

Harmonies

Analogous

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



62.4080, -79.2770, 21.5470



58.9420, -27.3340, 43.8500



54.3720, 45.3330, 65.0210

Triad

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



58.9420, -27.3340, 43.8500



56.4030, 58.9610, 5.2410



57.6300, -46.5330, -21.2290

Complementary

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



58.9420, -27.3340, 43.8500



143.0580, 27.3340, -43.8500

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.



48.2480, -22.8710, -42.5750



58.9420, -27.3340, 43.8500



58.7860, 23.2490, -19.3670

Square

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



58.9420, -27.3340, 43.8500



44.5510, 88.8040, 31.5880



45.1990, -21.1750, -40.2710



65.0570, -66.0680, -3.0920

Rectangle

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



58.9420, -27.3340, 43.8500



55.4930, 69.4970, 56.6090



45.1990, -21.1750, -40.2710



54.6490, -39.5170, -27.2370

Sweetspot

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



58.9420, -27.3340, 43.8500



173.2770, -10.3650, 17.1470



113.9990, -69.3210, -15.7290



81.9150, -6.6500, 10.3900



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



58.9420, -27.3340, 43.8500



49.9230, -42.3770, 68.6870



77.4800, 9.6180, 56.9940



74.6240, -1.6970, 3.2230



24.0050, -31.6450, 50.3950



2.9490, -3.9900, 6.2340

Inverse Universe

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



87.5300, 41.7120, 59.0560



94.4850, 65.0890, 92.4570



124.5200, -9.6180, -56.9940



76.4890, 3.1170, 4.0850



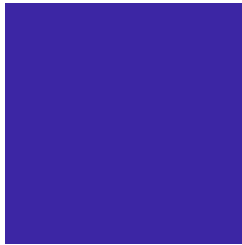
57.0350, 47.9000, 68.0600



7.0920, 5.9130, 8.4810

Previews

White Background



This preview shows how the YIQ color 58.9420, -27.3340, 43.8500 looks on a white background.

Color Contrast Check

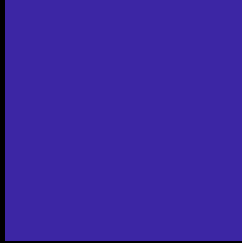
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.9420, -27.3340, 43.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

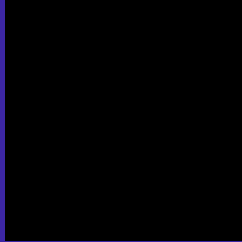
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.9420, -27.3340, 43.8500

Background



This preview shows how black text looks on a background with the YIQ color 58.9420, -27.3340, 43.8500.



This preview shows how white text looks on a background with the YIQ color 58.9420, -27.3340,

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

58.9420, -27.3340, 43.8500

Protanopia

50.5130, -58.1840, 8.2160

Deuteranopia

51.2820, -53.4600, -0.3080



Tritanopia

50.3410, -43.9210, -13.4970

Trichromacy



Original Color

58.9420, -27.3340, 43.8500

Protanomaly

53.8770, -47.0450, 21.1070

Deuteranomaly

54.2700, -44.0180, 15.8060

Tritanomaly

53.5230, -37.7810, 7.3950

Monochromacy



Original Color

58.9420, -27.3340, 43.8500

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.6360, -9.9980, 16.0020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.9420, -27.3340, 43.8500 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(60, 38, 164)` looks like.

```
.text, #text, p{  
    color:rgb(60, 38, 164)  
}
```

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(60, 38, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 38, 164) }
```

Border

The CSS property to change the border of an element to YIQ 58.9420, -27.3340, 43.8500 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(60, 38, 164) }
```


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

```
.border{ border-color:rgb(60, 38, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 38, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 38, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 38, 164);  
box-shadow:4px 4px 4px 4px rgb(60, 38,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 58.9420, -27.3340, 43.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 38, 164) }
```

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

```
.background{ background-color: rgb(60, 38,  
164) }
```

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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