

Converting Colors

YIQ(52.9420, 33.4190, 27.6190)

Have a look what the booklet for
YIQ(52.9420, 33.4190, 27.6190)
contains.

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Color

**YIQ(52.9420, 33.4190,
27.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	661A3F
RGB	102, 26, 63
RGB Percent	40%, 10%, 25%
CMY	0.5998, 0.8981, 0.7528
CMYK	0.00, 0.75, 0.38, 0.60
HSL	331°, 59%, 25%
HSV	331°, 75%, 40%
XYZ	6.7520, 3.9244, 5.1081
YIQ	52.9420, 33.4190, 27.6190

Conversions

Conversions Part 2

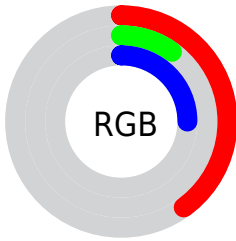
Format	Color
RYB	102, 26, 63
Decimal	6691391
CIELab	23.42, 37.17, -4.17
CIElCh	23, 37.398, 353.602
Yxy	3.9244, 0.4278, 0.2486
Android (android.graphics.Color)	4284881471 (0xFF661A3F)
YUV	52.9420, 4.9586, 43.0239
Hunter-Lab	19.8100, 26.1721, -1.4212

Details

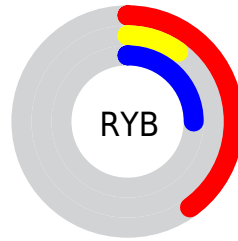
The YIQ color **52.9420, 33.4190, 27.6190** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.0580, -33.4190, -27.6190**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **103.9100, 36.4450, 27.8450**, and **17.9420, 24.2510, 17.5550** is the 20% darker color. If you saturate the color by 10%, you get **46.5020, 37.7740, 31.2940**, and if you desaturate by 10%, it is **59.3820, 29.0640, 23.9440**.

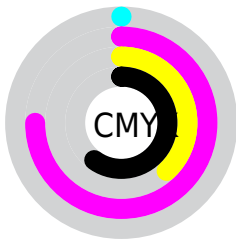
Distribution



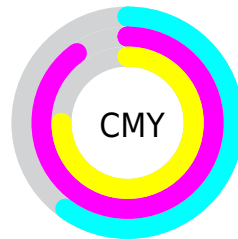
- Red (40%)
- Green (10%)
- Blue (25%)



- Red (40%)
- Yellow (10%)
- Blue (25%)



- Cyan (0%)
- Magenta (75%)
- Yellow (38%)
- Black (60%)



- Cyan (60%)
- Magenta (90%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.9420, 33.4190, 27.6190 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 52.9420, 33.4190, 27.6190 by changing the saturation by 10% instead.

■ 52.9420, 33.4190,
27.6190

■ 52.9420, 33.4190,
27.6190

■ 255.0000, -0.0000,
-0.0000

■ 27.3980, 32.1350,
28.8630

■ 103.9100, 36.4450,
27.8450

■ 17.9420, 24.2510,
17.5550

■ 130.3940, 37.9580,
27.9580

■ 5.9800, 11.9200,
4.2400

■ 157.2910, 39.7460,
28.5940


■ 0.0000, 0.0000,
0.0000


■ 184.8890, 40.9380,
29.0180


■ 207.8170, 32.2730,
26.3610


■ 227.4450, 15.5850,


20.4250


 245.6080, 4.4000,
8.3680


 52.9420, 33.4190,
27.6190


 52.9420, 33.4190,
27.6190


 46.5020, 37.7740,
31.2940


 59.3820, 29.0640,
23.9440


 40.0620, 42.1290,
34.9690

 65.8220, 24.7090,
20.2690

 36.1980, 44.7420,
37.1740

 72.9630, 19.7580,
16.3820

 79.4030, 15.4030,
12.7070

 85.8430, 11.0480,
9.0320

■ 92.2830, 6.6930,
5.3570

■ 98.8370, 2.0170,
1.9930

■ 105.8640, -2.6130,
-2.2050

■ 112.3040, -6.9680,
-5.8800

Harmonies

Analogous

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



56.6820, 10.7240, 25.9240



52.9420, 33.4190, 27.6190



51.5220, 43.0490, 18.2890

Triad

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



52.9420, 33.4190, 27.6190



50.1590, 11.8330, -21.7270



50.2560, -50.5710, -3.1070

Complementary

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



52.9420, 33.4190, 27.6190



75.0580, -33.4190, -27.6190

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.



48.6940, -43.4170, -11.6170



52.9420, 33.4190, 27.6190



41.6200, -23.3780, -27.8740

Square

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



52.9420, 33.4190, 27.6190



52.6500, 29.8040, -11.5080



45.5020, -34.4290, -20.3250



48.5750, -52.7270, 2.9290

Rectangle

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



52.9420, 33.4190, 27.6190



52.4860, 42.7300, 7.5460



45.5020, -34.4290, -20.3250



50.0450, -48.5990, -5.8070

Sweetspot

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



52.9420, 33.4190, 27.6190



113.6800, 13.0650, 11.0250



46.0260, -1.7480, 31.6920



54.9950, 7.5640, 6.0920



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



52.9420, 33.4190, 27.6190



56.7800, 52.0310, 42.7430



48.7240, 45.2960, 16.1120



47.7230, 2.3380, 1.6820



40.7690, 50.5640, 41.7960



85.8100, 106.3540, 88.0020

Inverse Universe

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



52.9420, 33.4190, 27.6190



56.7800, 52.0310, 42.7430



79.2760, -45.2960, -16.1120



47.7230, 2.3380, 1.6820



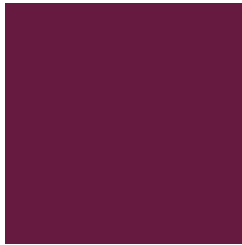
40.7690, 50.5640, 41.7960



85.8100, 106.3540, 88.0020

Previews

White Background



This preview shows how the YIQ color 52.9420, 33.4190, 27.6190 looks on a white background.

Color Contrast Check

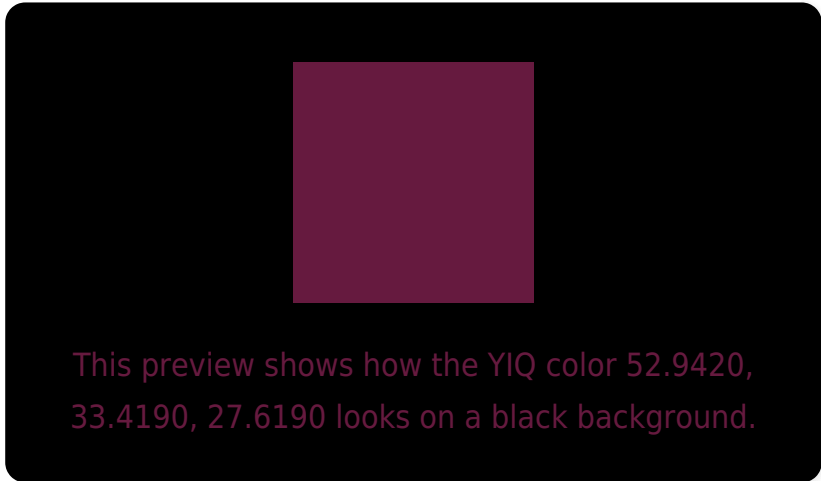
Large Text (above 18pt) WCAG AA ✓ Pass

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

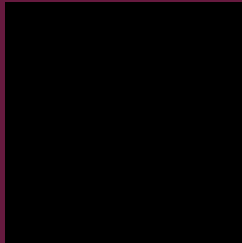
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.9420, 33.4190, 27.6190

Background



This preview shows how black text looks on a background with the YIQ color 52.9420, 33.4190, 27.6190.



This preview shows how white text looks on a background with the YIQ color 52.9420, 33.4190,

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

52.9420, 33.4190, 27.6190

Protanopia

57.5720, -13.1140, 6.3900

Deuteranopia

58.1360, 2.6130, 2.2050



Tritanopia

53.8480, 39.0150, 14.3030

Trichromacy



Original Color

52.9420, 33.4190, 27.6190

Protanomaly

55.9980, 3.4820, 13.9940

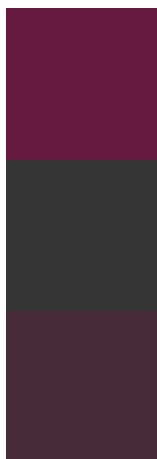
Deuteranomaly

56.2780, 14.2570, 11.4490

Tritanomaly

53.5260, 37.2260, 19.1940

Monochromacy



Original Color

52.9420, 33.4190, 27.6190

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

52.9680, 12.1940, 10.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.9420, 33.4190, 27.6190 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(102, 26, 63)` looks like.

```
.text, #text, p{  
    color:rgb(102, 26, 63)  
}
```

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(102, 26, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 26, 63) }
```

Border

The CSS property to change the border of an element to YIQ 52.9420, 33.4190, 27.6190 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(102, 26, 63) }
```


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

```
.border{ border-color:rgb(102, 26, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 26, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 26, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 26, 63);  
box-shadow:4px 4px 4px 4px rgb(102, 26,  
63) }
```

Background

The CSS property to change the background color of an element to YIQ 52.9420, 33.4190, 27.6190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 26, 63) }
```

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

```
.background{ background-color: rgb(102, 26,  
63) }
```

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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