

Converting Colors

YIQ(58.4190, 27.6420, 27.6900)

Have a look what the booklet for
YIQ(58.4190, 27.6420, 27.6900)
contains.

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Color

**YIQ(58.4190, 27.6420,
27.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	66214B
RGB	102, 33, 75
RGB Percent	40%, 13%, 29%
CMY	0.5998, 0.8707, 0.7058
CMYK	0.00, 0.68, 0.26, 0.60
HSL	323°, 51%, 26%
HSV	323°, 68%, 40%
XYZ	7.2987, 4.4220, 7.1290
YIQ	58.4190, 27.6420, 27.6900

Conversions

Conversions Part 2

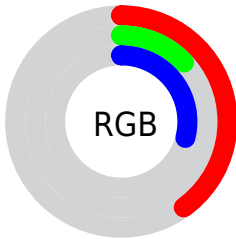
Format	Color
R_{YB}	102, 33, 75
Decimal	6693195
CIE Lab	25.02, 35.71, -9.89
CIE LCh	25, 37.055, 344.528
Yxy	4.4220, 0.3872, 0.2346
Android (android.graphics.Color)	4284883275 (0xFF66214B)
YUV	58.4190, 8.1744, 38.2205
Hunter-Lab	21.0285, 25.1550, -5.3802

Details

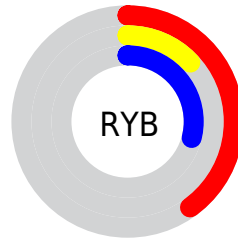
The YIQ color **58.4190, 27.6420, 27.6900** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **76.5810, -27.6420, -27.6900**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **108.6150, 30.0260, 28.5380**, and **19.0820, 21.0410, 20.6650** is the 20% darker color. If you saturate the color by 10%, you get **52.0930, 31.6760, 31.6760**, and if you desaturate by 10%, it is **64.7450, 23.6080, 23.7040**.

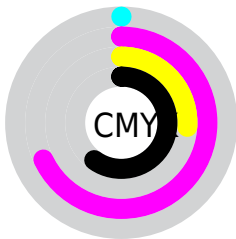
Distribution



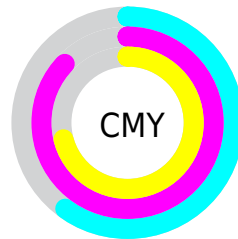
- Red (40%)
- Green (13%)
- Blue (29%)



- Red (40%)
- Yellow (13%)
- Blue (29%)



- Cyan (0%)
- Magenta (68%)
- Yellow (26%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.4190, 27.6420, 27.6900 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 58.4190, 27.6420, 27.6900 by changing the saturation by 10% instead.

■ 58.4190, 27.6420,
27.6900

■ 58.4190, 27.6420,
27.6900

■ 255.0000, -0.0000,
-0.0000

■ 31.5870, 27.2290,
29.6690

■ 108.6150, 30.0260,
28.5380

■ 19.0820, 21.0410,
20.6650

■ 135.2130, 31.2180,
28.9620

■ 8.5290, 14.8080,
6.9680

■ 161.8110, 32.4100,
29.3860

■ 0.0000, 0.0000,
0.0000

■ 189.5230, 33.2810,
30.1210

■ 213.0490, 25.8080,
27.8880

■ 232.1070, 10.7250,

20.3970

249.1300, 2.7500,
5.2300

58.4190, 27.6420,
27.6900

58.4190, 27.6420,
27.6900

52.0930, 31.6760,
31.6760

64.7450, 23.6080,
23.7040

45.7670, 35.7100,
35.6620

71.0710, 19.5740,
19.7180

38.8540, 40.0190,
40.1710

77.9840, 15.2650,
15.2090

37.5660, 40.8900,
40.9060

84.3100, 11.2310,
11.2230

90.6360, 7.1970,
7.2370

■ 96.9620, 3.1630,
3.2510

■ 103.2880, -0.8710,
-0.7350

■ 110.2010, -5.1800,
-5.2440

■ 116.5270, -9.2140,
-9.2300

Harmonies

Analogous

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



61.1370, 2.0130, 24.1010



58.4190, 27.6420, 27.6900



56.1460, 41.3520, 21.5120

Triad

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



58.4190, 27.6420, 27.6900



54.3340, 18.7100, -19.7060



52.8490, -50.9830, -6.6550

Complementary

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



58.4190, 27.6420, 27.6900



76.5810, -27.6420, -27.6900

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.



50.5860, -43.2330, -14.9530



58.4190, 27.6420, 27.6900



49.6990, -7.4230, -25.1750

Square

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



58.4190, 27.6420, 27.6900



56.5260, 36.0850, -9.6990



46.5790, -33.3280, -23.7600



52.2110, -54.6980, 0.1020

Rectangle

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



58.4190, 27.6420, 27.6900



56.1320, 43.9670, 12.6630



46.5790, -33.3280, -23.7600



52.5240, -48.6900, -9.6660

Sweetspot

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



58.4190, 27.6420, 27.6900



115.8970, 10.9560, 10.7000



48.6400, -6.6530, 26.9710



55.9240, 6.3260, 6.5020



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.



58.4190, 27.6420, 27.6900



64.8160, 43.1820, 43.4220



54.5430, 38.5560, 17.1160



47.8370, 2.0170, 1.9930



42.3650, 46.0700, 46.1500



89.1160, 97.0450, 97.0210

Inverse Universe

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



58.4190, 27.6420, 27.6900



64.8160, 43.1820, 43.4220



80.4570, -38.5560, -17.1160



47.8370, 2.0170, 1.9930



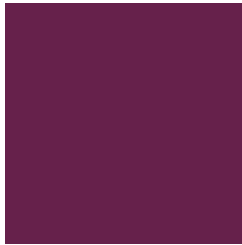
42.3650, 46.0700, 46.1500



89.1160, 97.0450, 97.0210

Previews

White Background



This preview shows how the YIQ color 58.4190, 27.6420, 27.6900 looks on a white background.

Color Contrast Check

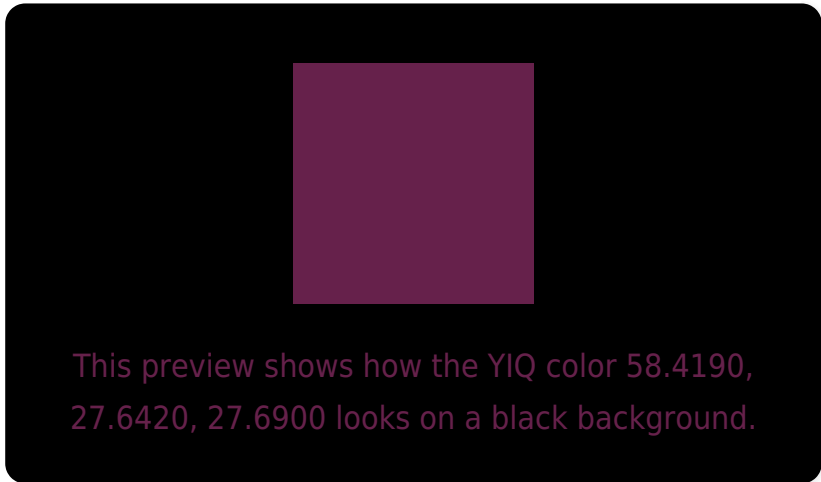
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.4190, 27.6420, 27.6900

Background



This preview shows how black text looks on a background with the YIQ color 58.4190, 27.6420, 27.6900.



This preview shows how white text looks on a background with the YIQ color 58.4190, 27.6420,

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

58.4190, 27.6420, 27.6900

Protanopia

59.8150, -18.1120, 8.8640

Deuteranopia

60.9660, -2.6600, 4.1560



Tritanopia

58.6840, 33.6050, 13.2290

Trichromacy



Original Color

58.4190, 27.6420, 27.6900

Protanomaly

59.7140, -1.4700, 15.6340

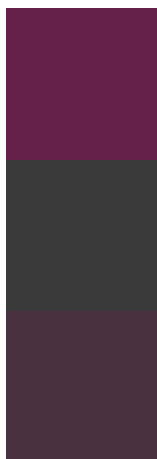
Deuteranomaly

60.2820, 8.4340, 12.3540

Tritanomaly

58.4760, 31.4950, 18.4310

Monochromacy



Original Color

58.4190, 27.6420, 27.6900

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.1850, 10.0850, 9.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.4190, 27.6420, 27.6900 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, 33, 75)` looks like.

```
.text, #text, p{  
    color:rgb(102, 33, 75)  
}
```

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, 33, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 33, 75) }
```

Border

The CSS property to change the border of an element to YIQ 58.4190, 27.6420, 27.6900 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, 33, 75) }
```


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

```
.border{ border-color:rgb(102, 33, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 33, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 33, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 33, 75);  
box-shadow:4px 4px 4px 4px rgb(102, 33,  
75) }
```

Background

The CSS property to change the background color of an element to YIQ 58.4190, 27.6420, 27.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 33, 75) }
```

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

```
.background{ background-color: rgb(102, 33,  
75) }
```

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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