

Converting Colors

YIQ(69.2030, 18.8420, 10.9540)

Have a look what the booklet for
YIQ(69.2030, 18.8420, 10.9540)
contains.

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Color

**YIQ(69.2030, 18.8420,
10.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	5E3943
RGB	94, 57, 67
RGB Percent	37%, 22%, 26%
CMY	0.6313, 0.7765, 0.7372
CMYK	0.00, 0.39, 0.29, 0.63
HSL	344°, 25%, 30%
HSV	344°, 39%, 37%
XYZ	7.0946, 5.7111, 6.0413
YIQ	69.2030, 18.8420, 10.9540

Conversions

Conversions Part 2

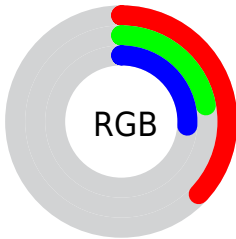
Format	Color
RYB	94, 57, 67
Decimal	6175043
CIELab	28.67, 17.97, 0.74
CIELCh	29, 17.988, 2.353
Yxy	5.7111, 0.3764, 0.3030
Android (android.graphics.Color)	4284365123 (0xFF5E3943)
YUV	69.2030, -1.0861, 21.7470
Hunter-Lab	23.8980, 11.1696, 1.7403




Details

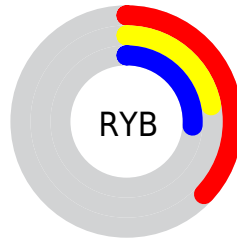
The YIQ color **69.2030, 18.8420, 10.9540** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **81.7970, -18.8420, -10.9540**, and the grayscale version is **69.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **118.1000, 20.6300, 11.5900**, and **24.7080, 15.8620, 9.8940** is the 20% darker color. If you saturate the color by 10%, you get **63.1220, 23.5640, 13.4840**, and if you desaturate by 10%, it is **75.2840, 14.1200, 8.4240**.

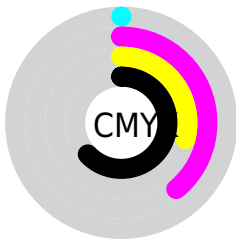
Distribution







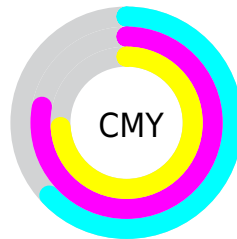
-  Red (37%)
-  Green (22%)
-  Blue (26%)






-  Red (37%)
-  Yellow (22%)
-  Blue (26%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (29%)
-  Black (63%)



-  Cyan (63%)
-  Magenta (78%)
-  Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.2030, 18.8420, 10.9540 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 69.2030, 18.8420, 10.9540 by changing the saturation by 10% instead.

69.2030, 18.8420,
10.9540

69.2030, 18.8420,
10.9540

255.0000, -0.0000,
-0.0000

46.6050, 17.6500,
10.5300

118.1000, 20.6300,
11.5900

24.7080, 15.8620,
9.8940

143.6980, 21.8220,
12.0140

7.5890, 14.5790,
5.6110

170.4100, 22.6930,
12.7490

0.0000, 0.0000,
0.0000

197.7090, 23.2890,
12.9610

225.4100, 22.6930,
12.7490

245.0380, 6.0050,

6.8130

■ 69.2030, 18.8420,
10.9540

■ 69.2030, 18.8420,
10.9540

■ 63.1220, 23.5640,
13.4840

■ 75.2840, 14.1200,
8.4240

■ 56.4540, 28.5610,
16.5370

■ 81.9520, 9.1230,
5.3710

■ 50.3730, 33.2830,
19.0670

■ 88.0330, 4.4010,
2.8410

■ 43.8190, 37.9590,
22.4310

■ 94.5870, -0.2750,
-0.5230

■ 37.7380, 42.6810,
24.9610

■ 100.6680, -4.9970,
-3.0530

■ 31.6570, 47.4030,
27.4910

■ 106.7490, -9.7190,
-5.5830

■ 30.9560, 47.9990,
27.7030

■ 113.4170,
-14.7160, -8.6360

■ 119.4980,
-19.4380, -11.1660

■ 126.1660,
-24.4350, -14.2190

Harmonies

Analogous

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



69.5810, 9.0300, 12.5660



69.2030, 18.8420, 10.9540



68.1940, 23.0610, 6.0770

Triad

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



69.2030, 18.8420, 10.9540



64.9320, 2.7070, -10.5170



61.1240, -32.6440, -3.1080

Complementary

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



69.2030, 18.8420, 10.9540



81.7970, -18.8420, -10.9540

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.



58.4560, -36.8150, -10.1190



69.2030, 18.8420, 10.9540



63.0490, -10.8640, -12.3680

Square

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



69.2030, 18.8420, 10.9540



66.6130, 14.0310, -6.4890



60.1490, -25.7650, -12.1410



66.2830, -19.6700, 4.0580

Rectangle

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



69.2030, 18.8420, 10.9540



67.9610, 22.0990, 1.4830



60.1490, -25.7650, -12.1410



59.5750, -35.5320, -5.8360

Sweetspot

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



69.2030, 18.8420, 10.9540



112.6420, 7.0600, 4.2120



69.2910, 4.2150, 17.2310



55.6200, 4.1260, 2.3180



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



69.2030, 18.8420, 10.9540



83.7530, 29.1570, 16.7490



72.7590, 19.8520, 3.6600



42.7230, 2.3380, 1.6820



36.3100, 55.9300, 32.6500



78.1590, 120.7080, 70.1480

Inverse Universe

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



69.2030, 18.8420, 10.9540



83.7530, 29.1570, 16.7490



78.2410, -19.8520, -3.6600



42.7230, 2.3380, 1.6820



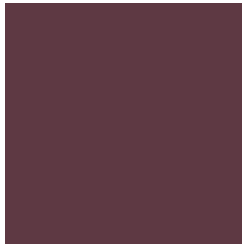
36.3100, 55.9300, 32.6500



78.1590, 120.7080, 70.1480

Previews

White Background



This preview shows how the YIQ color 69.2030, 18.8420, 10.9540 looks on a white background.

Color Contrast Check

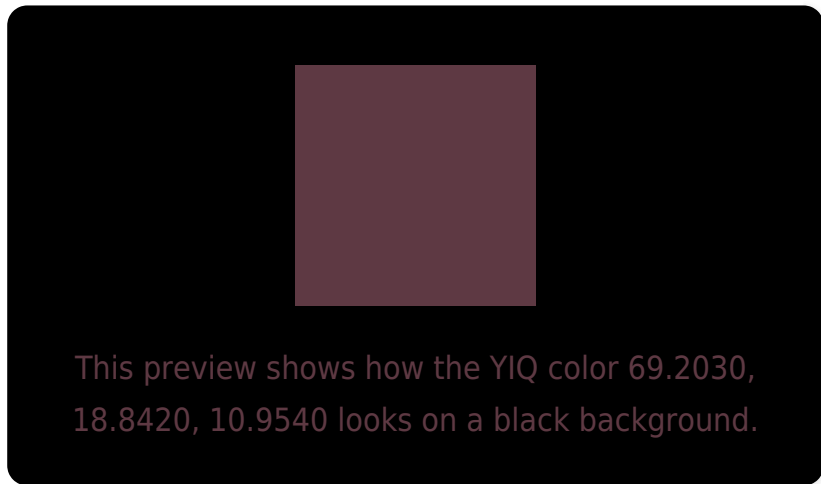
Large Text (above 18pt) WCAG AA ✓ Pass

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

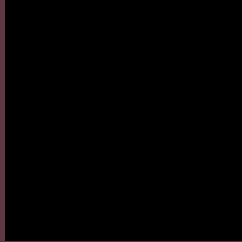
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.2030, 18.8420, 10.9540

Background



This preview shows how black text looks on a background with the YIQ color 69.2030, 18.8420, 10.9540.



This preview shows how white text looks on a background with the YIQ color 69.2030, 18.8420,

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

69.2030, 18.8420, 10.9540

Protanopia

68.5700, -1.6050, 1.5550

Deuteranopia

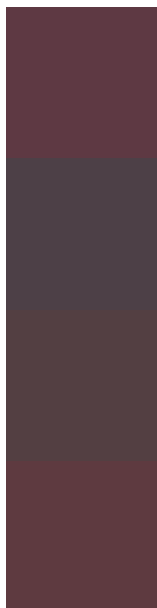
68.8760, 6.2810, 1.8090



Tritanopia

69.2200, 20.1720, 8.8760

Trichromacy



Original Color

69.2030, 18.8420, 10.9540

Protanomaly

68.6850, 5.5010, 4.9330

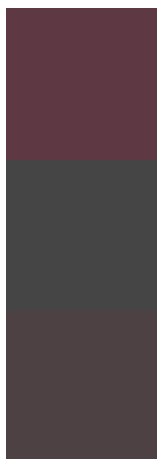
Deuteranomaly

69.3220, 10.9570, 5.1730

Tritanomaly

69.4480, 19.5300, 9.4980

Monochromacy



Original Color

69.2030, 18.8420, 10.9540

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.2290, 6.7850, 3.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.2030, 18.8420, 10.9540 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(94, 57, 67)` looks like.

```
.text, #text, p{  
    color:rgb(94, 57, 67)  
}
```

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(94, 57, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 57, 67) }
```

Border

The CSS property to change the border of an element to YIQ 69.2030, 18.8420, 10.9540 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(94, 57, 67) }
```


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

```
.border{ border-color:rgb(94, 57, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 57, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 57, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 57, 67);  
box-shadow:4px 4px 4px 4px rgb(94, 57, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 69.2030, 18.8420, 10.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 57, 67) }
```

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

```
.background{ background-color: rgb(94, 57,  
67) }
```

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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