

Converting Colors

YIQ(56.9400, 27.7330, 31.5490)

Have a look what the booklet for
YIQ(56.9400, 27.7330, 31.5490)
contains.

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Color

**YIQ(56.9400, 27.7330,
31.5490)**

Conversions

Conversions Part 1

Format	Color
Hex	671D50
RGB	103, 29, 80
RGB Percent	40%, 11%, 31%
CMY	0.5959, 0.8864, 0.6862
CMYK	0.00, 0.72, 0.22, 0.60
HSL	319°, 56%, 26%
HSV	319°, 72%, 40%
XYZ	7.4868, 4.3434, 8.0367
YIQ	56.9400, 27.7330, 31.5490

Conversions

Conversions Part 2

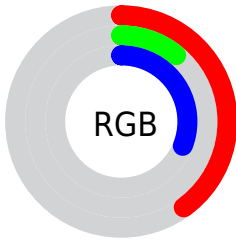
Format	Color
R_{YB}	103, 29, 80
Decimal	6757712
CIE _{Lab}	24.78, 38.58, -13.59
CIE _{LCh}	25, 40.901, 340.591
Yxy	4.3434, 0.3769, 0.2186
Android (android.graphics.Color)	4284947792 (0xFF671D50)
YUV	56.9400, 11.3686, 40.3946
Hunter-Lab	20.8407, 27.6531, -8.2750

Details

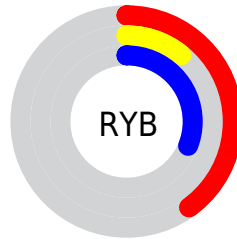
The YIQ color **56.9400, 27.7330, 31.5490** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **75.0600, -27.7330, -31.5490**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.0220, 30.4380, 32.0860**, and **19.8370, 20.3530, 22.1210** is the 20% darker color. If you saturate the color by 10%, you get **50.7280, 31.4460, 35.8460**, and if you desaturate by 10%, it is **63.1520, 24.0200, 27.2520**.

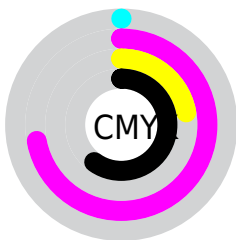
Distribution



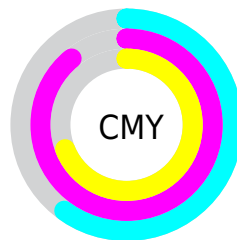
- Red (40%)
- Green (11%)
- Blue (31%)



- Red (40%)
- Yellow (11%)
- Blue (31%)



- Cyan (0%)
- Magenta (72%)
- Yellow (22%)
- Black (60%)



- Cyan (60%)
- Magenta (89%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9400, 27.7330, 31.5490 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 56.9400, 27.7330, 31.5490 by changing the saturation by 10% instead.

■ 56.9400, 27.7330,
31.5490

■ 56.9400, 27.7330,
31.5490

■ 255.0000, -0.0000,
-0.0000

■ 29.5210, 27.5950,
34.0510

■ 108.0220, 30.4380,
32.0860

■ 19.8370, 20.3530,
22.1210

■ 134.3210, 31.0340,
32.2980

■ 9.4410, 12.2400,
9.4560

■ 161.3320, 32.5010,
33.2450

■ 0.0000, 0.0000,
0.0000


■ 189.0440, 33.3720,
33.9800


■ 211.9720, 24.7070,
31.3230


■ 230.9330, 11.2750,


21.4430


 247.3690, 3.5750,
6.7990


 56.9400, 27.7330,
31.5490


 56.9400, 27.7330,
31.5490


 50.7280, 31.4460,
35.8460


 63.1520, 24.0200,
27.2520


 43.9290, 35.4340,
40.6660

 69.9510, 20.0320,
22.4320

 38.8910, 38.5970,
43.9170

 76.2770, 15.9980,
18.4460

 82.4890, 12.2850,
14.1490

 88.7010, 8.5720,
9.8520

■ 95.5000, 4.5840,
5.0320

■ 101.7120, 0.8710,
0.7350

■ 108.0380, -3.1630,
-3.2510

■ 114.8370, -7.1510,
-8.0710

Harmonies

Analogous

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



60.3260, -2.8930, 24.9070



56.9400, 27.7330, 31.5490



52.8740, 45.2940, 27.1660

Triad

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



56.9400, 27.7330, 31.5490



54.6440, 20.7730, -18.5470



53.4360, -51.2580, -7.1780

Complementary

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



56.9400, 27.7330, 31.5490



75.0600, -27.7330, -31.5490

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.



50.7170, -42.2240, -16.7200



56.9400, 27.7330, 31.5490



48.4450, -3.8920, -28.5960

Square

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



56.9400, 27.7330, 31.5490



55.9610, 39.2940, -7.2820



45.8950, -31.4020, -25.6260



53.2540, -56.2570, 0.8230

Rectangle

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



56.9400, 27.7330, 31.5490



53.8060, 48.0010, 16.6490



45.8950, -31.4020, -25.6260



52.5240, -48.6900, -9.6660

Sweetspot

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



56.9400, 27.7330, 31.5490



116.3640, 11.1390, 12.8910



44.0140, -10.6420, 27.6780



57.7500, 6.8760, 7.5480



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



56.9400, 27.7330, 31.5490



62.8040, 43.4560, 49.4720



52.8360, 39.2890, 20.3530



47.8370, 2.0170, 1.9930



43.3910, 43.1810, 48.9490



91.3960, 90.6250, 103.2410

Inverse Universe

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



56.9400, 27.7330, 31.5490



62.8040, 43.4560, 49.4720



79.1640, -39.2890, -20.3530



47.8370, 2.0170, 1.9930



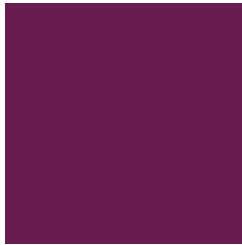
43.3910, 43.1810, 48.9490



91.3960, 90.6250, 103.2410

Previews

White Background



This preview shows how the YIQ color 56.9400, 27.7330, 31.5490 looks on a white background.

Color Contrast Check

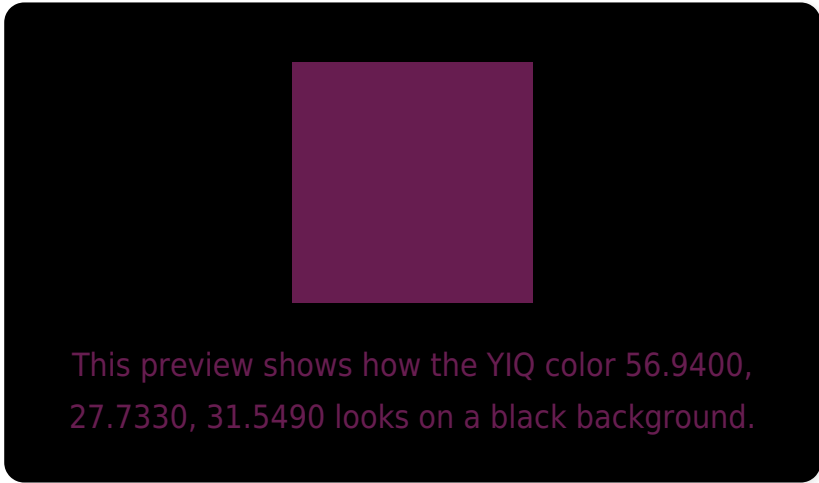
Large Text (above 18pt) WCAG AA ✓ Pass

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

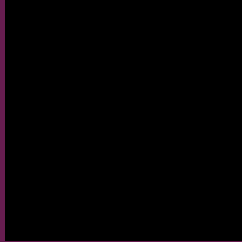
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.9400, 27.7330, 31.5490

Background



This preview shows how black text looks on a background with the YIQ color 56.9400, 27.7330, 31.5490.



This preview shows how white text looks on a background with the YIQ color 56.9400, 27.7330,

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

56.9400, 27.7330, 31.5490

Protanopia

58.6340, -24.8520, 9.8680

Deuteranopia

60.6390, -6.0530, 5.0750



Tritanopia

58.2820, 34.7970, 13.6530

Trichromacy



Original Color

56.9400, 27.7330, 31.5490

Protanomaly

58.1420, -5.5510, 18.0090

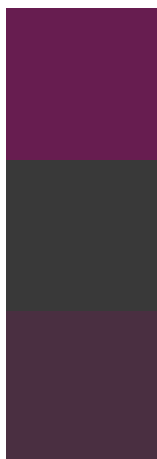
Deuteranomaly

59.0800, 6.1870, 14.5310

Tritanomaly

57.7150, 32.3200, 20.0000

Monochromacy



Original Color

56.9400, 27.7330, 31.5490

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1250, 10.3140, 11.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9400, 27.7330, 31.5490 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(103, 29, 80)` looks like.

```
.text, #text, p{  
    color:rgb(103, 29, 80)  
}
```

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(103, 29, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 29, 80) }
```

Border

The CSS property to change the border of an element to YIQ 56.9400, 27.7330, 31.5490 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(103, 29, 80) }
```


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

```
.border{ border-color:rgb(103, 29, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 29, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 29, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 29, 80);  
box-shadow:4px 4px 4px 4px rgb(103, 29,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 56.9400, 27.7330, 31.5490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 29, 80) }
```

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

```
.background{ background-color: rgb(103, 29,  
80) }
```

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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