

Converting Colors

YIQ(60.7980, 33.2840, 13.5400)

Have a look what the booklet for
YIQ(60.7980, 33.2840, 13.5400)
contains.

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Color

**YIQ(60.7980, 33.2840,
13.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	652B2F
RGB	101, 43, 47
RGB Percent	40%, 17%, 18%
CMY	0.6038, 0.8315, 0.8156
CMYK	0.00, 0.57, 0.53, 0.60
HSL	356°, 40%, 28%
HSV	356°, 57%, 40%
XYZ	6.7476, 4.7003, 3.2444
YIQ	60.7980, 33.2840, 13.5400

Conversions

Conversions Part 2

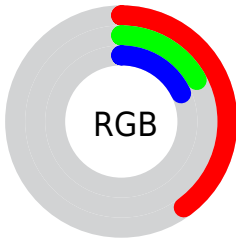
Format	Color
R_{YB}	101, 43, 47
Decimal	6630191
CIE Lab	25.86, 26.59, 10.17
CIE LCh	26, 28.469, 20.938
Yxy	4.7003, 0.4593, 0.3199
Android (android.graphics.Color)	4284820271 (0xFF652B2F)
YUV	60.7980, -6.8024, 35.2572
Hunter-Lab	21.6801, 17.6152, 6.3033

Details

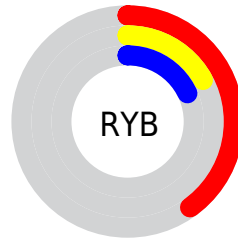
The YIQ color **60.7980, 33.2840, 13.5400** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.2020, -33.2840, -13.5400**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **110.3640, 37.5020, 14.1900**, and **15.2490, 30.3960, 10.8120** is the 20% darker color. If you saturate the color by 10%, you get **53.9020, 38.9230, 15.9710**, and if you desaturate by 10%, it is **67.6940, 27.6450, 11.1090**.

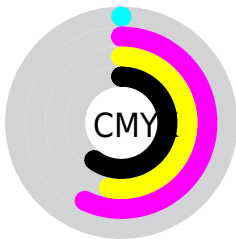
Distribution



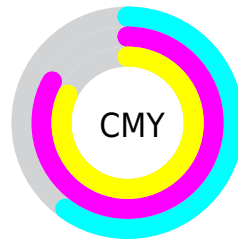
- Red (40%)
- Green (17%)
- Blue (18%)



- Red (40%)
- Yellow (17%)
- Blue (18%)



- Cyan (0%)
- Magenta (57%)
- Yellow (53%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.7980, 33.2840, 13.5400 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 60.7980, 33.2840, 13.5400 by changing the saturation by 10% instead.

60.7980, 33.2840,
13.5400

60.7980, 33.2840,
13.5400

255.0000, -0.0000,
-0.0000

37.1290, 30.8540,
13.5260

110.3640, 37.5020,
14.1900

15.2490, 30.3960,
10.8120

136.1470, 39.6110,
14.5150

5.9800, 11.9200,
4.2400

162.7450, 40.8030,
14.9390

0.0000, 0.0000,
0.0000

190.2290, 42.3160,
15.0520

213.7550, 34.8430,
12.8190

233.3830, 18.1550,

6.8830

253.5980, 1.1920,
0.4240

60.7980, 33.2840,
13.5400

60.7980, 33.2840,
13.5400

53.9020, 38.9230,
15.9710

67.6940, 27.6450,
11.1090

46.8920, 44.8830,
18.0910

74.7040, 21.6850,
8.9890

39.9960, 50.5220,
20.5220

81.6000, 16.0460,
6.5580

32.9860, 56.4820,
22.6420

88.6100, 10.0860,
4.4380

30.9970, 57.9490,
23.5890

95.5060, 4.4470,
2.0070

■ 102.9890, -1.4670,
-0.9470

■ 109.9990, -7.4270,
-3.0670

■ 116.8950,
-13.0660, -5.4980

■ 123.9050,
-19.0260, -7.6180

Harmonies

Analogous

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



62.1100, 23.8380, 19.5340



60.7980, 33.2840, 13.5400



60.6480, 33.2860, 2.4860

Triad

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



60.7980, 33.2840, 13.5400



53.8330, -10.4960, -19.0400



50.5980, -51.5340, -2.1740

Complementary

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



60.7980, 33.2840, 13.5400



83.2020, -33.2840, -13.5400

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.



51.8060, -49.4240, -7.3760



60.7980, 33.2840, 13.5400



47.8330, -36.8590, -20.3390

Square

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



60.7980, 33.2840, 13.5400



57.5490, 10.9150, -16.1010



50.9280, -44.1960, -14.0200



60.9230, -18.2960, 12.2000

Rectangle

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



60.7980, 33.2840, 13.5400



59.8660, 29.4360, -4.8360



50.9280, -44.1960, -14.0200



50.9570, -51.1670, -3.3190

Sweetspot

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



60.7980, 33.2840, 13.5400



117.1050, 13.0660, 5.4980



65.4590, 12.9700, 29.2740



57.0010, 7.4270, 3.0670



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.



60.7980, 33.2840, 13.5400



69.1920, 52.9060, 21.3700



74.4300, 27.9680, -0.2560



47.4950, 2.9800, 1.0600



35.2970, 65.9720, 26.8680



74.2960, 138.7750, 56.5910

Inverse Universe

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



60.7980, 33.2840, 13.5400



69.1920, 52.9060, 21.3700



69.5700, -27.9680, 0.2560



47.4950, 2.9800, 1.0600



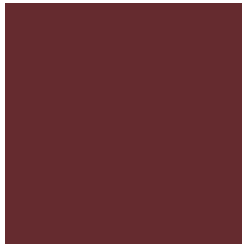
35.2970, 65.9720, 26.8680



74.2960, 138.7750, 56.5910

Previews

White Background



This preview shows how the YIQ color 60.7980, 33.2840, 13.5400 looks on a white background.

Color Contrast Check

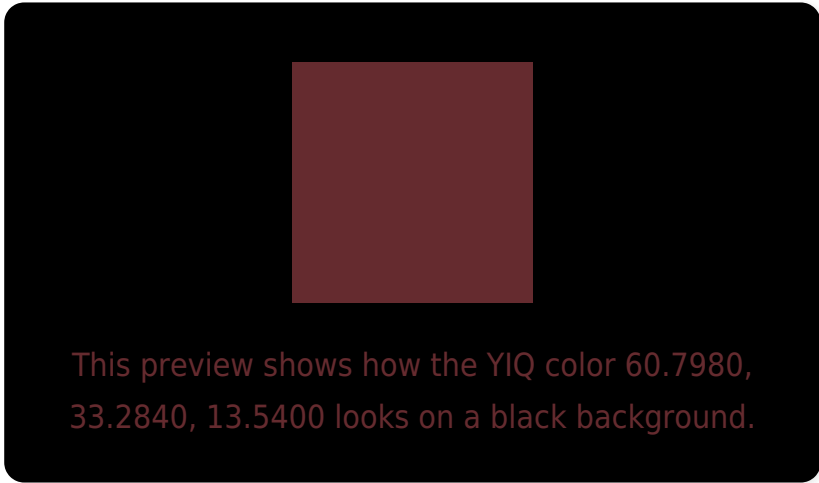
Large Text (above 18pt) WCAG AA ✓ Pass

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

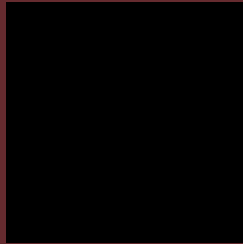
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.7980, 33.2840, 13.5400

Background



This preview shows how black text looks on a background with the YIQ color 60.7980, 33.2840, 13.5400.



This preview shows how white text looks on a background with the YIQ color 60.7980, 33.2840,

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

60.7980, 33.2840, 13.5400

Protanopia

62.2130, 3.7140, -1.2300

Deuteranopia

61.7750, 13.7550, -1.4850



Tritanopia

60.6840, 33.6050, 13.2290

Trichromacy



Original Color

60.7980, 33.2840, 13.5400

Protanomaly

61.6490, 14.3500, 4.2540

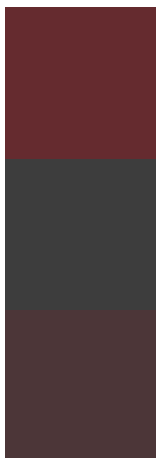
Deuteranomaly

61.3570, 21.0440, 4.0840

Tritanomaly

60.6840, 33.6050, 13.2290

Monochromacy



Original Color

60.7980, 33.2840, 13.5400

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

60.8060, 12.4700, 5.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.7980, 33.2840, 13.5400 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(101, 43, 47)` looks like.

```
.text, #text, p{  
    color:rgb(101, 43, 47)  
}
```

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(101, 43, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 43, 47) }
```

Border

The CSS property to change the border of an element to YIQ 60.7980, 33.2840, 13.5400 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(101, 43, 47) }
```


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

```
.border{ border-color:rgb(101, 43, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 43, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 43, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 43, 47);  
box-shadow:4px 4px 4px 4px rgb(101, 43,  
47) }
```

Background

The CSS property to change the background color of an element to YIQ 60.7980, 33.2840, 13.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 43, 47) }
```

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

```
.background{ background-color: rgb(101, 43,  
47) }
```

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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