

Converting Colors

YIQ(40.4450, 32.7800, 11.6600)

Have a look what the booklet for
YIQ(40.4450, 32.7800, 11.6600)
contains.

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Color

**YIQ(40.4450, 32.7800,
11.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1818
RGB	79, 24, 24
RGB Percent	31%, 9%, 9%
CMY	0.6901, 0.9060, 0.9058
CMYK	0.00, 0.70, 0.70, 0.69
HSL	360°, 53%, 20%
HSV	360°, 70%, 31%
XYZ	3.7186, 2.3821, 1.1298
YIQ	40.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

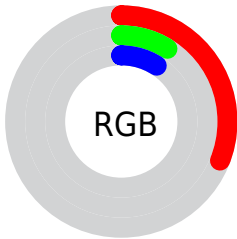
Format	Color
R_YB	79, 24, 24
Decimal	5183512
CIE Lab	17.38, 25.87, 13.92
CIE LCh	17, 29.383, 28.287
Yxy	2.3821, 0.5143, 0.3295
Android (android.graphics.Color)	4283373592 (0xFF4F1818)
YUV	40.4450, -8.1074, 33.8127
Hunter-Lab	15.4340, 15.9973, 6.4638

Details

The YIQ color **40.4450, 32.7800, 11.6600** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **62.5550, -32.7800, -11.6600**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **88.1960, 37.9150, 12.2110**, and **8.4860, 16.3670, 6.2470** is the 20% darker color. If you saturate the color by 10%, you get **34.8370, 37.5480, 13.3560**, and if you desaturate by 10%, it is **46.0530, 28.0120, 9.9640**.

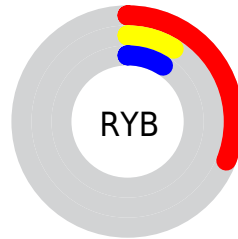
Distribution



Red (31%)

Green (9%)

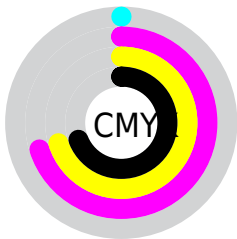
Blue (9%)



Red (31%)

Yellow (9%)

Blue (9%)

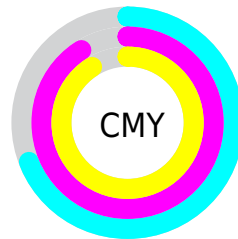


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (69%)



Cyan (69%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 40.4450, 32.7800, 11.6600 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 40.4450, 32.7800, 11.6600 by changing the saturation by 10% instead.

■ 40.4450, 32.7800,
11.6600

■ 40.4450, 32.7800,
11.6600

■ 254.4300, 1.6050,
-1.5550

■ 16.7330, 31.9090,
10.9250

■ 88.1960, 37.9150,
12.2110

■ 8.4860, 16.3670,
6.2470

■ 113.8650, 40.3450,
12.2250

■ 0.0000, 0.0000,
0.0000

■ 139.7620, 42.1330,
12.8610

■ 166.2460, 43.6460,
12.9740

■ 194.1430, 45.4340,
13.6100

■ 215.7610, 34.7060,

9.7940

235.9760, 17.7430,
3.3350

40.4450, 32.7800,
11.6600

40.4450, 32.7800,
11.6600

34.8370, 37.5480,
13.3560

46.0530, 28.0120,
9.9640

29.2290, 42.3160,
15.0520

51.6610, 23.2440,
8.2680

23.6210, 47.0840,
16.7480

57.2690, 18.4760,
6.5720

62.8770, 13.7080,
4.8760

67.8980, 9.2150,
3.7030

■ 73.3920, 4.7680,
1.6960

■ 79.0000, -0.0000,
0.0000

■ 84.6080, -4.7680,
-1.6960

■ 90.2160, -9.5360,
-3.3920

Harmonies

Analogous

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



41.0780, 26.8640, 19.7600



40.4450, 32.7800, 11.6600



40.5290, 32.0030, -1.7970

Triad

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



40.4450, 32.7800, 11.6600



32.1030, -20.1240, -20.7640



36.6920, -39.9350, 2.3770

Complementary

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



40.4450, 32.7800, 11.6600



62.5550, -32.7800, -11.6600

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.



38.2420, -38.7880, -1.8920



40.4450, 32.7800, 11.6600



35.1980, -27.4610, -14.4450

Square

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



40.4450, 32.7800, 11.6600



37.7550, 7.3390, -17.3730



37.5920, -34.2020, -7.9140



43.3860, -12.2900, 13.4860

Rectangle

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



40.4450, 32.7800, 11.6600



40.8330, 25.0350, -7.6770



37.5920, -34.2020, -7.9140



37.7520, -40.1640, 1.0200

Sweetspot

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



40.4450, 32.7800, 11.6600



87.2790, 12.5160, 4.4520



46.4160, 14.5290, 28.5530



41.8870, 7.7480, 2.7560



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



40.4450, 32.7800, 11.6600



41.7140, 51.2560, 18.2320



56.2940, 25.3550, -2.4610



35.1960, 2.3840, 0.8480



30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Inverse Universe

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



40.4450, 32.7800, 11.6600



41.7140, 51.2560, 18.2320



46.7060, -25.3550, 2.4610



35.1960, 2.3840, 0.8480



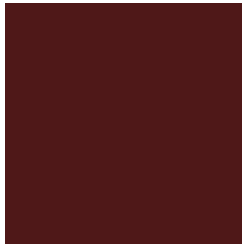
30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Previews

White Background



This preview shows how the YIQ color 40.4450, 32.7800, 11.6600 looks on a white background.

Color Contrast Check

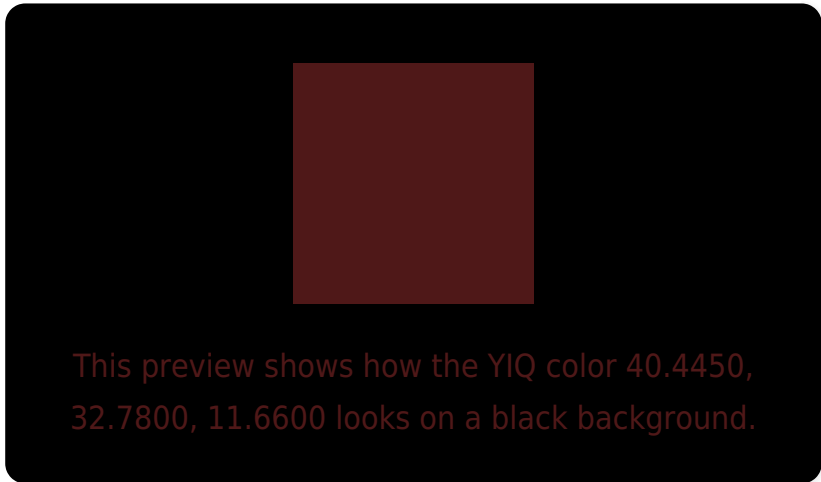
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4450, 32.7800, 11.6600

Background



This preview shows how black text looks on a background with the YIQ color 40.4450, 32.7800, 11.6600.

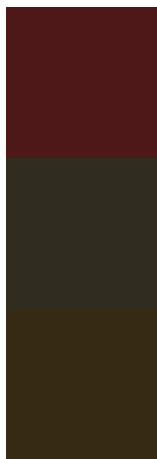


This preview shows how white text looks on a background with the YIQ color 40.4450, 32.7800,

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

40.4450, 32.7800, 11.6600

Protanopia

43.7140, 6.5570, -3.1950

Deuteranopia

43.4930, 14.4890, -3.7750



Tritanopia

40.5590, 32.4590, 11.9710

Trichromacy



Original Color

40.4450, 32.7800, 11.6600

Protanomaly

42.5520, 16.0010, 1.8650

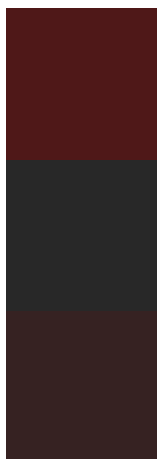
Deuteranomaly

42.1890, 21.4570, 2.1050

Tritanomaly

40.5590, 32.4590, 11.9710

Monochromacy



Original Color

40.4450, 32.7800, 11.6600

Achromatopsia

40.0000, 0.0000, -0.0000

Achromatomaly

39.9800, 11.9200, 4.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 40.4450, 32.7800, 11.6600 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(79, 24, 24)` looks like.

```
.text, #text, p{  
    color:rgb(79, 24, 24)  
}
```

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(79, 24, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 24, 24) }
```

Border

The CSS property to change the border of an element to YIQ 40.4450, 32.7800, 11.6600 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(79, 24, 24) }
```


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

```
.border{ border-color:rgb(79, 24, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 24, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 24, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 24, 24);  
box-shadow:4px 4px 4px 4px rgb(79, 24, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 40.4450, 32.7800, 11.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 24, 24) }
```

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

```
.background{ background-color: rgb(79, 24,  
24) }
```

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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