

Converting Colors

YIQ(57.9450, 37.3640, 16.6920)

Have a look what the booklet for
YIQ(57.9450, 37.3640, 16.6920)
contains.

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Color

**YIQ(57.9450, 37.3640,
16.6920)**

Conversions

Conversions Part 1

Format	Color
Hex	68252D
RGB	104, 37, 45
RGB Percent	41%, 15%, 18%
CMY	0.5920, 0.8550, 0.8234
CMYK	0.00, 0.64, 0.57, 0.59
HSL	353°, 48%, 28%
HSV	353°, 64%, 41%
XYZ	6.8488, 4.4567, 2.9855
YIQ	57.9450, 37.3640, 16.6920

Conversions

Conversions Part 2

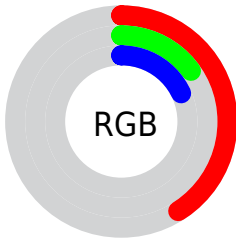
Format	Color
RYB	104, 37, 45
Decimal	6825261
CIELab	25.13, 30.79, 10.60
CIELCh	25, 32.565, 18.996
Yxy	4.4567, 0.4792, 0.3119
Android (android.graphics.Color)	4285015341 (0xFF68252D)
YUV	57.9450, -6.3819, 40.3902
Hunter-Lab	21.1109, 20.9653, 6.3927

Details

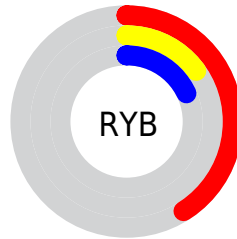
The YIQ color **57.9450, 37.3640, 16.6920** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.0550, -37.3640, -16.6920**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **107.6960, 42.4990, 17.2430**, and **15.8470, 31.5880, 11.2360** is the 20% darker color. If you saturate the color by 10%, you get **51.0490, 43.0030, 19.1230**, and if you desaturate by 10%, it is **64.8410, 31.7250, 14.2610**.

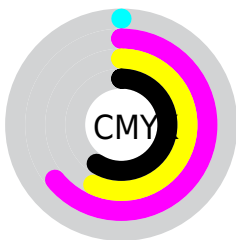
Distribution



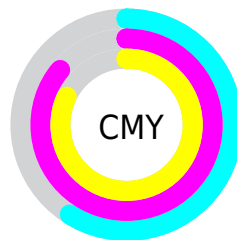
- Red (41%)
- Green (15%)
- Blue (18%)



- Red (41%)
- Yellow (15%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (57%)
- Black (59%)



- Cyan (59%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.9450, 37.3640, 16.6920 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 57.9450, 37.3640, 16.6920 by changing the saturation by 10% instead.

■ 57.9450, 37.3640,
16.6920

■ 57.9450, 37.3640,
16.6920

■ 255.0000, -0.0000,
-0.0000

■ 33.2160, 35.1630,
18.0350

■ 107.8100, 42.1780,
17.5540

■ 15.8470, 31.5880,
11.2360

■ 134.1800, 44.0120,
17.3560

■ 6.2790, 12.5160,
4.4520

■ 160.4900, 46.0750,
18.5150

■ 0.0000, 0.0000,
0.0000

■ 187.9740, 47.5880,
18.6280

■ 210.4780, 37.1810,
14.5010

■ 230.1060, 20.4930,

8.5650

250.3210, 3.5300,
2.1060

57.9450, 37.3640,
16.6920

57.9450, 37.3640,
16.6920

51.0490, 43.0030,
19.1230

64.8410, 31.7250,
14.2610

43.5660, 48.9170,
22.0770

72.3240, 25.8110,
11.3070

36.6700, 54.5560,
24.5080

79.2200, 20.1720,
8.8760

32.5780, 57.8110,
26.0910

86.8170, 13.9370,
6.2330

93.7130, 8.2980,
3.8020

■ 100.6090, 2.6590,
1.3710

■ 108.0920, -3.2550,
-1.5830

■ 114.9880, -8.8940,
-4.0140

■ 122.4710,
-14.8080, -6.9680

Harmonies

Analogous

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



59.3000, 26.3590, 23.4070



57.9450, 37.3640, 16.6920



57.7410, 37.4580, 3.9700

Triad

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



57.9450, 37.3640, 16.6920



50.8390, -10.6330, -22.0650



50.4670, -52.5430, -0.4070

Complementary

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



57.9450, 37.3640, 16.6920



83.0550, -37.3640, -16.6920

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.



52.0340, -50.0660, -6.7540



57.9450, 37.3640, 16.6920



47.2630, -35.2540, -21.8940

Square

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



57.9450, 37.3640, 16.6920



54.8220, 14.4000, -18.6880



50.2270, -43.6000, -13.8080



58.1010, -24.6690, 12.0590

Rectangle

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



57.9450, 37.3640, 16.6920



57.4920, 33.4250, -5.5430



50.2270, -43.6000, -13.8080



51.2990, -52.1300, -2.3860

Sweetspot

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



57.9450, 37.3640, 16.6920



117.2300, 14.2120, 6.7560



61.9800, 13.0610, 33.1330



58.0120, 8.8940, 4.0140



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.



57.9450, 37.3640, 16.6920



63.5780, 57.8110, 26.0910



71.7080, 33.0570, 1.1290



47.6090, 2.6590, 1.3710



35.9810, 64.0460, 28.7340



75.6640, 134.9230, 60.3230

Inverse Universe

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



57.9450, 37.3640, 16.6920



63.5780, 57.8110, 26.0910



69.2920, -33.0570, -1.1290



47.6090, 2.6590, 1.3710



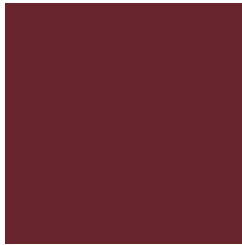
35.9810, 64.0460, 28.7340



75.6640, 134.9230, 60.3230

Previews

White Background



This preview shows how the YIQ color 57.9450, 37.3640, 16.6920 looks on a white background.

Color Contrast Check

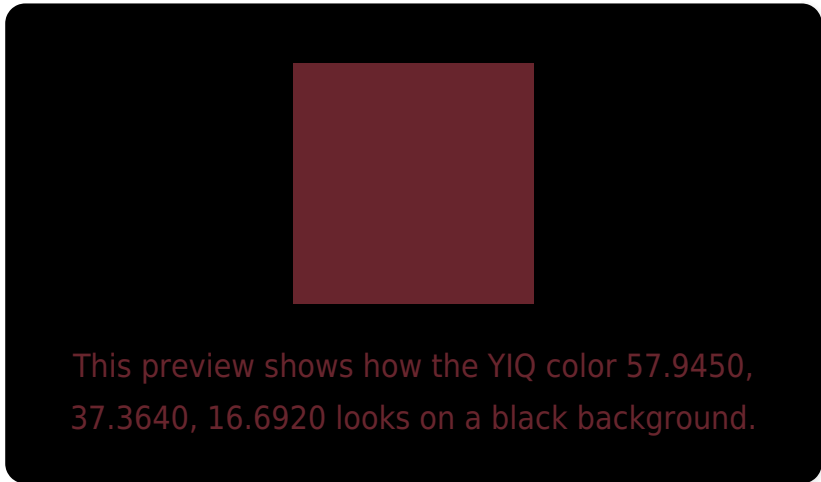
Large Text (above 18pt) WCAG AA ✓ Pass

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

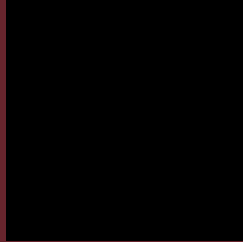
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.9450, 37.3640, 16.6920

Background



This preview shows how black text looks on a background with the YIQ color 57.9450, 37.3640, 16.6920.



This preview shows how white text looks on a background with the YIQ color 57.9450, 37.3640,

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

57.9450, 37.3640, 16.6920

Protanopia

60.4410, 3.0720, -0.6080

Deuteranopia

60.3620, 13.4800, -2.0080



Tritanopia

57.9620, 38.6940, 14.6140

Trichromacy



Original Color

57.9450, 37.3640, 16.6920

Protanomaly

59.7740, 15.4960, 5.5120

Deuteranomaly

59.3680, 22.5110, 5.0310

Tritanomaly

58.1900, 38.0520, 15.2360

Monochromacy



Original Color

57.9450, 37.3640, 16.6920

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

57.8170, 13.9370, 6.2330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.9450, 37.3640, 16.6920 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(104, 37, 45)` looks like.

```
.text, #text, p{  
    color:rgb(104, 37, 45)  
}
```

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(104, 37, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 37, 45) }
```

Border

The CSS property to change the border of an element to YIQ 57.9450, 37.3640, 16.6920 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(104, 37, 45) }
```


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

```
.border{ border-color:rgb(104, 37, 45) }
```

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

Here you see how a box with a 4 pixel rgb(104, 37, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 37, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 37, 45);  
box-shadow:4px 4px 4px 4px rgb(104, 37,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 57.9450, 37.3640, 16.6920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 37, 45) }
```

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

```
.background{ background-color: rgb(104, 37,  
45) }
```

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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