

Converting Colors

YIQ(63.4480, 37.8660, 29.6260)

Have a look what the booklet for
YIQ(63.4480, 37.8660, 29.6260)
contains.

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Color

**YIQ(63.4480, 37.8660,
29.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	762248
RGB	118, 34, 72
RGB Percent	46%, 13%, 28%
CMY	0.5370, 0.8668, 0.7175
CMYK	0.00, 0.71, 0.39, 0.54
HSL	333°, 55%, 30%
HSV	333°, 71%, 46%
XYZ	9.2207, 5.4659, 6.7052
YIQ	63.4480, 37.8660, 29.6260

Conversions

Conversions Part 2

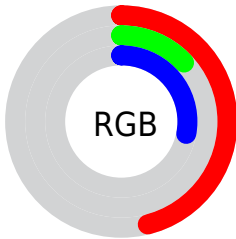
Format	Color
R_{YB}	118, 34, 72
Decimal	7742024
CIE _{Lab}	28.02, 39.99, -3.08
CIE _{LCh}	28, 40.109, 355.599
Yxy	5.4659, 0.4310, 0.2555
Android (android.graphics.Color)	4285932104 (0xFF762248)
YUV	63.4480, 4.2161, 47.8421
Hunter-Lab	23.3792, 29.4863, -0.6390

Details

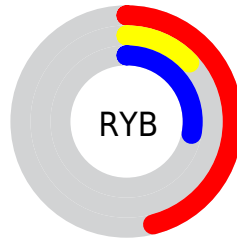
The YIQ color **63.4480, 37.8660, 29.6260** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **88.5520, -37.8660, -29.6260**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.3020, 41.2130, 29.5410**, and **22.7410, 29.4310, 22.7990** is the 20% darker color. If you saturate the color by 10%, you get **55.7200, 43.0920, 34.0360**, and if you desaturate by 10%, it is **71.1760, 32.6400, 25.2160**.

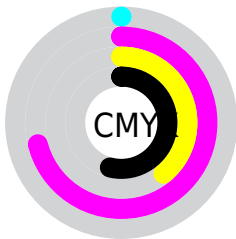
Distribution



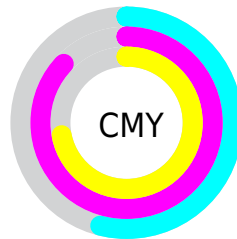
- Red (46%)
- Green (13%)
- Blue (28%)



- Red (46%)
- Yellow (13%)
- Blue (28%)



- Cyan (0%)
- Magenta (71%)
- Yellow (39%)
- Black (54%)



- Cyan (54%)
- Magenta (87%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.4480, 37.8660, 29.6260 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 63.4480, 37.8660, 29.6260 by changing the saturation by 10% instead.

■ 63.4480, 37.8660,
29.6260

■ 63.4480, 37.8660,
29.6260

■ 255.0000, -0.0000,
-0.0000

■ 34.0830, 37.6360,
33.7960

■ 115.3020, 41.2130,
29.5410

■ 22.7410, 29.4310,
22.7990

■ 142.1990, 43.0010,
30.1770

■ 13.2700, 25.9030,
9.6390

■ 169.2100, 44.4680,
31.1240

■ 0.0000, 0.0000,
0.0000

■ 195.9000, 42.4050,
29.9650

■ 214.9410, 25.9920,
24.5520

■ 235.0420, 9.3500,

17.7820

252.0650, 1.3750,
2.6150

63.4480, 37.8660,
29.6260

63.4480, 37.8660,
29.6260

55.7200, 43.0920,
34.0360

71.1760, 32.6400,
25.2160

47.8780, 48.6390,
38.1350

79.0180, 27.0930,
21.1170

41.3240, 53.3150,
41.4990

86.1590, 22.1420,
17.2300

94.0010, 16.5950,
13.1310

101.7290, 11.3690,
8.7210

■ 109.5710, 5.8220,
4.6220

■ 117.2990, 0.5960,
0.2120

■ 124.5540, -4.6760,
-3.3640

■ 132.2820, -9.9020,
-7.7740

Harmonies

Analogous

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



67.5300, 14.2080, 28.8640



63.4480, 37.8660, 29.6260



62.2730, 48.1840, 18.8400

Triad

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



63.4480, 37.8660, 29.6260



58.7090, 12.9800, -25.9960



59.1240, -59.0070, -4.4070

Complementary

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



63.4480, 37.8660, 29.6260



88.5520, -37.8660, -29.6260

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.



57.4480, -51.5320, -13.2280



63.4480, 37.8660, 29.6260



49.1030, -29.2920, -30.8280

Square

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



63.4480, 37.8660, 29.6260



62.3960, 33.3350, -14.9290



53.8000, -41.2600, -23.1800



56.2690, -60.6130, 2.6750

Rectangle

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



63.4480, 37.8660, 29.6260



63.1120, 46.7190, 6.8390



53.8000, -41.2600, -23.1800



58.9130, -57.0350, -7.1070

Sweetspot

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



63.4480, 37.8660, 29.6260



132.1640, 14.5780, 11.1380



57.0310, -0.1440, 35.6640



64.0060, 9.0310, 7.0390



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



63.4480, 37.8660, 29.6260



68.5960, 58.5410, 45.9090



60.8770, 49.2390, 16.2390



55.0220, 2.9340, 1.8940



42.7480, 55.0570, 42.9690



87.6320, 112.7270, 88.1430

Inverse Universe

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



63.4480, 37.8660, 29.6260



68.5960, 58.5410, 45.9090



91.1230, -49.2390, -16.2390



55.0220, 2.9340, 1.8940



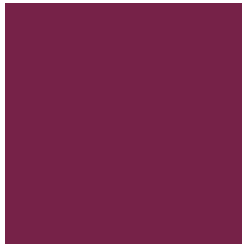
42.7480, 55.0570, 42.9690



87.6320, 112.7270, 88.1430

Previews

White Background



This preview shows how the YIQ color 63.4480, 37.8660, 29.6260 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

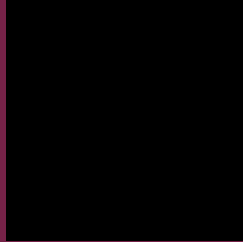
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.4480, 37.8660, 29.6260

Background



This preview shows how black text looks on a background with the YIQ color 63.4480, 37.8660, 29.6260.



This preview shows how white text looks on a background with the YIQ color 63.4480, 37.8660,

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

63.4480, 37.8660, 29.6260

Protanopia

67.8710, -12.5180, 6.6020

Deuteranopia

68.0330, 4.4010, 2.8410



Tritanopia

63.7670, 43.7370, 16.8330

Trichromacy



Original Color

63.4480, 37.8660, 29.6260

Protanomaly

66.1940, 5.8660, 14.8420

Deuteranomaly

66.4740, 16.6410, 12.2970

Tritanomaly

63.4450, 41.9480, 21.7240

Monochromacy



Original Color

63.4480, 37.8660, 29.6260

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.8650, 13.9820, 10.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.4480, 37.8660, 29.6260 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(118, 34, 72)` looks like.

```
.text, #text, p{  
    color:rgb(118, 34, 72)  
}
```

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(118, 34, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 34, 72) }
```

Border

The CSS property to change the border of an element to YIQ 63.4480, 37.8660, 29.6260 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(118, 34, 72) }
```


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

```
.border{ border-color:rgb(118, 34, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 34, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 34, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 34, 72);  
box-shadow:4px 4px 4px 4px rgb(118, 34,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 63.4480, 37.8660, 29.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 34, 72) }
```

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

```
.background{ background-color: rgb(118, 34,  
72) }
```

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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