

Converting Colors

YIQ(63.5970, 47.6320, 28.8480)

Have a look what the booklet for
YIQ(63.5970, 47.6320, 28.8480)
contains.

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Color

**YIQ(63.5970, 47.6320,
28.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	7F203C
RGB	127, 32, 60
RGB Percent	50%, 13%, 24%
CMY	0.5017, 0.8746, 0.7645
CMYK	0.00, 0.75, 0.53, 0.50
HSL	342°, 60%, 31%
HSV	342°, 75%, 50%
XYZ	10.0938, 5.8744, 4.8827
YIQ	63.5970, 47.6320, 28.8480

Conversions

Conversions Part 2

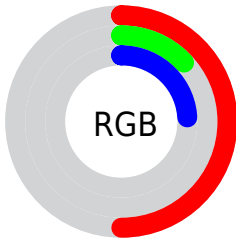
Format	Color
R_{YB}	127, 32, 60
Decimal	8331324
CIE Lab	29.09, 42.41, 6.69
CIE LCh	29, 42.936, 8.966
Yxy	5.8744, 0.4841, 0.2817
Android (android.graphics.Color)	4286521404 (0xFF7F203C)
YUV	63.5970, -1.7733, 55.6044
Hunter-Lab	24.2371, 31.9235, 5.0216

Details

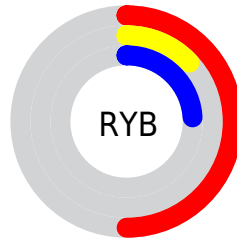
The YIQ color **63.5970, 47.6320, 28.8480** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **95.4030, -47.6320, -28.8480**, and the grayscale version is **64.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.1090, 51.9420, 27.8300**, and **23.5800, 37.1340, 20.8620** is the 20% darker color. If you saturate the color by 10%, you get **54.9400, 54.0960, 32.8480**, and if you desaturate by 10%, it is **72.2540, 41.1680, 24.8480**.

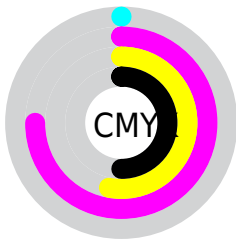
Distribution



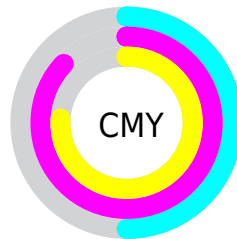
- Red (50%)
- Green (13%)
- Blue (24%)



- Red (50%)
- Yellow (13%)
- Blue (24%)



- Cyan (0%)
- Magenta (75%)
- Yellow (53%)
- Black (50%)



- Cyan (50%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 63.5970, 47.6320, 28.8480 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 63.5970, 47.6320, 28.8480 by changing the saturation by 10% instead.

63.5970, 47.6320,
28.8480

63.5970, 47.6320,
28.8480

255.0000, -0.0000,
-0.0000

34.0470, 46.4850,
33.1170

117.1090, 51.9420,
27.8300

23.5800, 37.1340,
20.8620

143.8920, 54.0510,
28.1550

14.8790, 28.5620,
11.0100

171.0880, 56.4350,
29.0030

0.0000, 0.0000,
0.0000

193.6030, 47.4950,
25.8230

213.2310, 30.8070,
19.8870

233.4460, 13.8440,

13.4280

252.0650, 1.3750,
2.6150

63.5970, 47.6320,
28.8480

63.5970, 47.6320,
28.8480

54.9400, 54.0960,
32.8480

72.2540, 41.1680,
24.8480

46.8700, 60.2850,
36.3250

80.3240, 34.9790,
21.3710

42.3050, 63.4940,
38.7420

88.9810, 28.5150,
17.3710

97.6380, 22.0510,
13.3710

105.7080, 15.8620,
9.8940

■ 114.3650, 9.3980,
5.8940

■ 123.0220, 2.9340,
1.8940

■ 131.6790, -3.5300,
-2.1060

■ 139.7490, -9.7190,
-5.5830

Harmonies

Analogous

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



67.2930, 28.2370, 33.4290



63.5970, 47.6320, 28.8480



64.6120, 51.3030, 11.8710

Triad

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



63.5970, 47.6320, 28.8480



58.0600, -1.3700, -30.2500



61.3070, -63.7760, -0.5760

Complementary

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



63.5970, 47.6320, 28.8480



95.4030, -47.6320, -28.8480

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.



61.2610, -58.1350, -9.1990



63.5970, 47.6320, 28.8480



53.0360, -36.3530, -29.5130

Square

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



63.5970, 47.6320, 28.8480



63.5150, 25.4500, -20.7100



58.2000, -48.1380, -19.6740



55.8930, -62.3100, 5.8980

Rectangle

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



63.5970, 47.6320, 28.8480



64.7990, 48.7380, -2.2220



58.2000, -48.1380, -19.6740



61.2100, -62.1250, -2.9650

Sweetspot

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



63.5970, 47.6320, 28.8480



141.3170, 18.5210, 11.2650



62.8630, 9.4370, 43.7490



69.3760, 10.8650, 6.8410



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



63.5970, 47.6320, 28.8480



66.5670, 74.6800, 45.2720



71.5580, 51.3950, 10.2030



59.3210, 3.5300, 2.1060



42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000

Inverse Universe

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



63.5970, 47.6320, 28.8480



66.5670, 74.6800, 45.2720



87.4420, -51.3950, -10.2030



59.3210, 3.5300, 2.1060



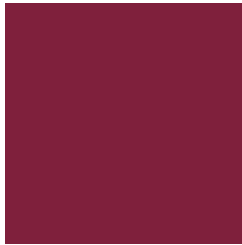
42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 63.5970, 47.6320, 28.8480 looks on a white background.

Color Contrast Check

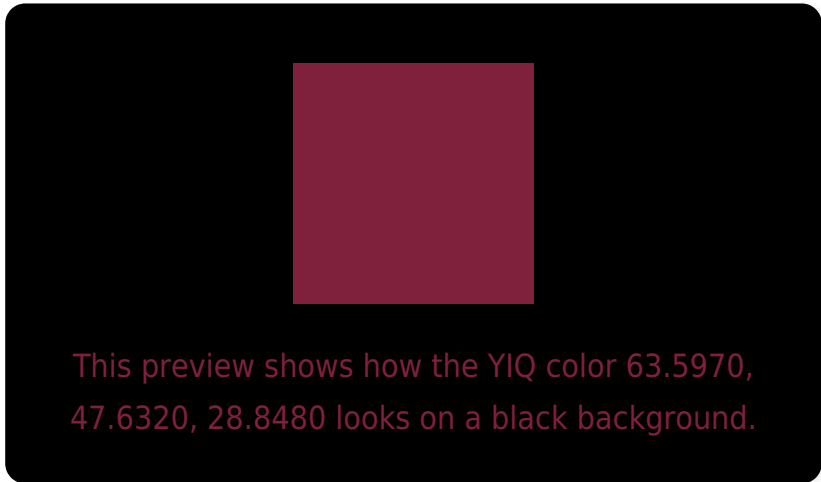
Large Text (above 18pt) WCAG AA ✓ Pass

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

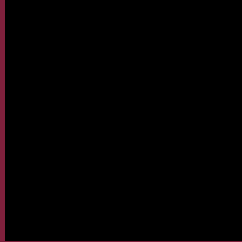
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 63.5970, 47.6320, 28.8480

Background



This preview shows how black text looks on a background with the YIQ color 63.5970, 47.6320, 28.8480.



This preview shows how white text looks on a background with the YIQ color 63.5970, 47.6320,

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

63.5970, 47.6320, 28.8480

Protanopia

69.9550, -4.1270, 3.2090

Deuteranopia

70.1170, 12.7920, -0.5520



Tritanopia

63.8390, 52.4020, 19.4900

Trichromacy



Original Color

63.5970, 47.6320, 28.8480

Protanomaly

67.8050, 14.2110, 12.2830

Deuteranomaly

67.4980, 25.2610, 10.2610

Tritanomaly

63.5770, 50.3840, 23.0240

Monochromacy



Original Color

63.5970, 47.6320, 28.8480

Achromatopsia

64.0000, -0.0000, -0.0000

Achromatomaly

63.7190, 17.3290, 10.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 63.5970, 47.6320, 28.8480 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(127, 32, 60)` looks like.

```
.text, #text, p{  
    color:rgb(127, 32, 60)  
}
```

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(127, 32, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 32, 60) }
```

Border

The CSS property to change the border of an element to YIQ 63.5970, 47.6320, 28.8480 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(127, 32, 60) }
```


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

```
.border{ border-color:rgb(127, 32, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 32, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 32, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 32, 60);  
box-shadow:4px 4px 4px 4px rgb(127, 32,  
60) }
```

Background

The CSS property to change the background color of an element to YIQ 63.5970, 47.6320, 28.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 32, 60) }
```

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

```
.background{ background-color: rgb(127, 32,  
60) }
```

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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