

Converting Colors

YIQ(60.3940, 37.9580, 27.9580)

Have a look what the booklet for
YIQ(60.3940, 37.9580, 27.9580)
contains.

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Color

**YIQ(60.3940, 37.9580,
27.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	722042
RGB	114, 32, 66
RGB Percent	45%, 13%, 26%
CMY	0.5527, 0.8746, 0.7411
CMYK	0.00, 0.72, 0.42, 0.55
HSL	335°, 56%, 29%
HSV	335°, 72%, 45%
XYZ	8.4465, 5.0060, 5.6802
YIQ	60.3940, 37.9580, 27.9580

Conversions

Conversions Part 2

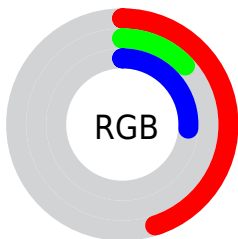
Format	Color
RYB	114, 32, 66
Decimal	7479362
CIELab	26.75, 38.85, -1.02
CIELCh	27, 38.864, 358.495
Yxy	5.0060, 0.4415, 0.2616
Android (android.graphics.Color)	4285669442 (0xFF722042)
YUV	60.3940, 2.7638, 47.0125
Hunter-Lab	22.3741, 28.2313, 0.6096

Details

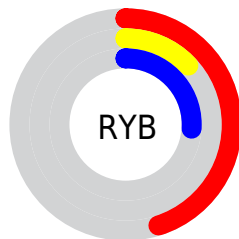
The YIQ color **60.3940, 37.9580, 27.9580** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **85.6060, -37.9580, -27.9580**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **112.2480, 41.3050, 27.8730**, and **20.9750, 28.6520, 20.3960** is the 20% darker color. If you saturate the color by 10%, you get **53.1390, 43.2300, 31.5340**, and if you desaturate by 10%, it is **67.6490, 32.6860, 24.3820**.

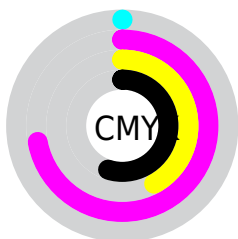
Distribution



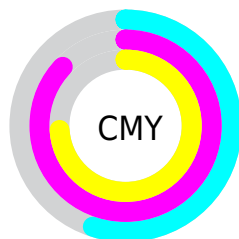
- Red (45%)
- Green (13%)
- Blue (26%)



- Red (45%)
- Yellow (13%)
- Blue (26%)



- Cyan (0%)
- Magenta (72%)
- Yellow (42%)
- Black (55%)



- Cyan (55%)
- Magenta (87%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.3940, 37.9580, 27.9580 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 60.3940, 37.9580, 27.9580 by changing the saturation by 10% instead.

60.3940, 37.9580,
27.9580

60.3940, 37.9580,
27.9580

255.0000, -0.0000,
-0.0000

31.6160, 37.4530,
31.6050

112.2480, 41.3050,
27.8730

20.9750, 28.6520,
20.3960

139.0310, 43.4140,
28.1980

11.4760, 22.3270,
8.3670

166.0420, 44.8810,
29.1450

0.0000, 0.0000,
0.0000

193.3410, 45.4770,
29.3570

212.8550, 29.1100,
23.1100

232.5970, 12.1010,

17.4850

250.3040, 2.2000,
4.1840

60.3940, 37.9580,
27.9580

60.3940, 37.9580,
27.9580

53.1390, 43.2300,
31.5340

67.6490, 32.6860,
24.3820

45.4110, 48.4560,
35.9440

75.3770, 27.4600,
19.9720

39.4440, 52.8570,
38.7850

82.6320, 22.1880,
16.3960

90.4740, 16.6410,
12.2970

97.6150, 11.6900,
8.4100

■ 104.8700, 6.4180,
4.8340

■ 112.7120, 0.8710,
0.7350

■ 119.8530, -4.0800,
-3.1520

■ 127.6950, -9.6270,
-7.2510

Harmonies

Analogous

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



64.4870, 15.7670, 28.1430



60.3940, 37.9580, 27.9580



60.0230, 45.8920, 16.3240

Triad

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



60.3940, 37.9580, 27.9580



55.9690, 9.3120, -25.6000



56.4340, -56.9440, -3.2480

Complementary

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



60.3940, 37.9580, 27.9580



85.6060, -37.9580, -27.9580

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.



55.5730, -50.3860, -11.9700



60.3940, 37.9580, 27.9580



46.8580, -29.9800, -29.3720

Square

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



60.3940, 37.9580, 27.9580



59.4280, 30.3090, -15.1550



52.1530, -40.7560, -21.3000



53.3510, -57.9080, 3.2120

Rectangle

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



60.3940, 37.9580, 27.9580



60.2750, 44.7020, 4.8460



52.1530, -40.7560, -21.3000



56.2230, -54.9720, -5.9480

Sweetspot

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



60.3940, 37.9580, 27.9580



126.4630, 15.1740, 11.3500



55.7000, 2.2860, 35.6780



61.5930, 8.7560, 6.5160



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



60.3940, 37.9580, 27.9580



64.9010, 59.0000, 43.0960



60.6270, 46.9470, 13.7230



52.1360, 2.6130, 2.2050



41.5800, 55.4700, 40.9900



85.5950, 114.1490, 84.3970

Inverse Universe

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



60.3940, 37.9580, 27.9580



64.9010, 59.0000, 43.0960



85.3730, -46.9470, -13.7230



52.1360, 2.6130, 2.2050



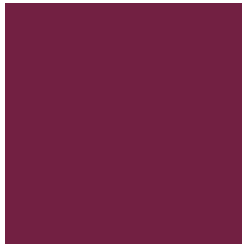
41.5800, 55.4700, 40.9900



85.5950, 114.1490, 84.3970

Previews

White Background



This preview shows how the YIQ color 60.3940, 37.9580, 27.9580 looks on a white background.

Color Contrast Check

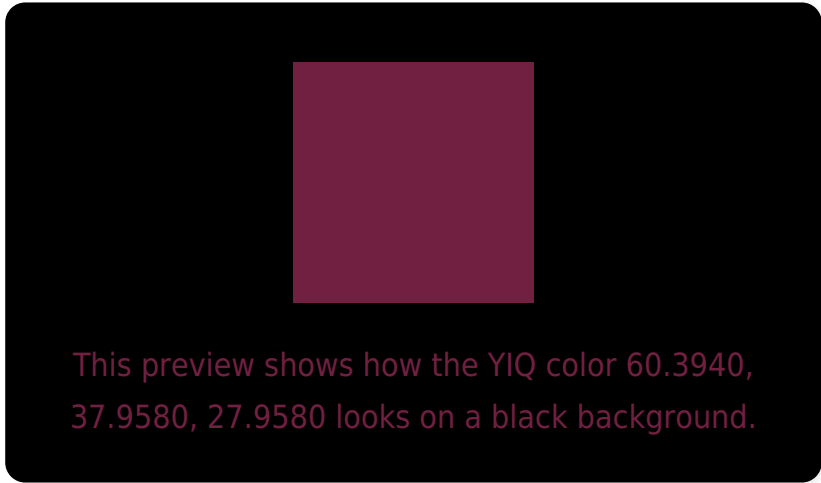
Large Text (above 18pt) WCAG AA ✓ Pass

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 60.3940, 37.9580, 27.9580

Background



This preview shows how black text looks on a background with the YIQ color 60.3940, 37.9580, 27.9580.



This preview shows how white text looks on a background with the YIQ color 60.3940, 37.9580, 27.9580.

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

60.3940, 37.9580, 27.9580

Protanopia

65.0130, -10.0420, 5.7820

Deuteranopia

64.9900, 5.9600, 2.1200



Tritanopia

60.3540, 43.4620, 16.3100

Trichromacy



Original Color

60.3940, 37.9580, 27.9580

Protanomaly

63.1510, 7.4250, 14.1210

Deuteranomaly

63.1320, 17.6040, 11.3640

Tritanomaly

60.5050, 41.7190, 20.3670

Monochromacy



Original Color

60.3940, 37.9580, 27.9580

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.3380, 14.0280, 10.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.3940, 37.9580, 27.9580 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(114, 32, 66)` looks like.

```
.text, #text, p{  
    color:rgb(114, 32, 66)  
}
```

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(114, 32, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 32, 66) }
```

Border

The CSS property to change the border of an element to YIQ 60.3940, 37.9580, 27.9580 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(114, 32, 66) }
```


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

```
.border{ border-color:rgb(114, 32, 66) }
```

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

Here you see how a box with a 4 pixel rgb(114, 32, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 32, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 32, 66);  
box-shadow:4px 4px 4px 4px rgb(114, 32,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 60.3940, 37.9580, 27.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 32, 66) }
```

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

```
.background{ background-color: rgb(114, 32,  
66) }
```

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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