

Converting Colors

YIQ(37.0080, 15.8580, 32.0020)

Have a look what the booklet for
YIQ(37.0080, 15.8580, 32.0020)
contains.

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Color

**YIQ(37.0080, 15.8580,
32.0020)**

Conversions

Conversions Part 1

Format	Color
Hex	480C4A
RGB	72, 12, 74
RGB Percent	28%, 5%, 29%
CMY	0.7175, 0.9530, 0.7098
CMYK	0.03, 0.84, 0.00, 0.71
HSL	298°, 72%, 17%
HSV	298°, 84%, 29%
XYZ	4.0433, 2.1363, 6.6785
YIQ	37.0080, 15.8580, 32.0020

Conversions

Conversions Part 2

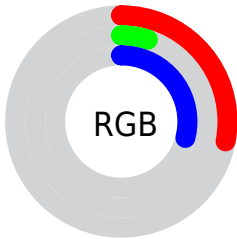
Format	Color
RYB	72, 12, 74
Decimal	4721738
CIELab	16.19, 35.81, -23.38
CIELCh	16, 42.763, 326.857
Yxy	2.1363, 0.3145, 0.1661
Android (android.graphics.Color)	4282911818 (0xFF480C4A)
YUV	37.0080, 18.2371, 30.6880
Hunter-Lab	14.6161, 23.8006, -16.8600

Details

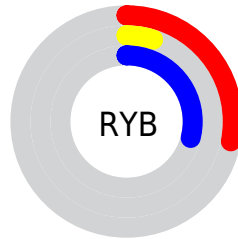
The YIQ color **37.0080, 15.8580, 32.0020** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.9920, -15.8580, -32.0020**, and the grayscale version is **37.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **87.1930, 16.7750, 31.9030**, and **10.5960, 4.6740, 14.4180** is the 20% darker color. If you saturate the color by 10%, you get **32.8990, 17.7830, 35.6630**, and if you desaturate by 10%, it is **41.1170, 13.9330, 28.3410**.

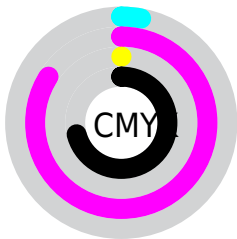
Distribution



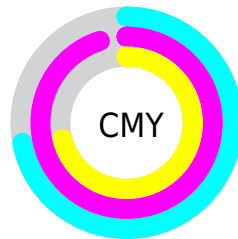
- Red (28%)
- Green (5%)
- Blue (29%)



- Red (28%)
- Yellow (5%)
- Blue (29%)



- Cyan (3%)
- Magenta (84%)
- Yellow (0%)
- Black (71%)





- Cyan (72%)
- Magenta (95%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 37.0080, 15.8580, 32.0020 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 37.0080, 15.8580, 32.0020 by changing the saturation by 10% instead.

 37.0080, 15.8580,
32.0020


 37.0080, 15.8580,
32.0020

 252.0650, 1.3750,
2.6150


 20.1660, 12.2370,
26.0370


 87.1930, 16.7750,
31.9030


 10.5960, 4.6740,
14.4180

 112.9050, 17.6460,
32.6380

 0.0000, 0.0000,
0.0000


 138.7310, 18.1960,
33.6840


 165.4430, 19.0670,
34.4190


 193.2690, 19.6170,
35.4650


 218.6060, 17.0500,


32.4260


 235.0420, 9.3500,
17.7820


 37.0080, 15.8580,
32.0020


 37.0080, 15.8580,
32.0020


 32.8990, 17.7830,
35.6630


 41.1170, 13.9330,
28.3410

 29.9640, 19.1580,
38.2780

 46.1120, 12.3290,
24.3690

 50.2210, 10.4040,
20.7080

 54.9170, 8.2040,
16.5240

 59.0260, 6.2790,
12.8630

■ 63.1350, 4.3540,
9.2020

■ 68.1300, 2.7500,
5.2300

■ 72.2390, 0.8250,
1.5690

■ 76.9350, -1.3750,
-2.6150

Harmonies

Analogous

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



37.6650, -26.1370, 16.6390



37.0080, 15.8580, 32.0020



32.0400, 39.1950, 33.0750

Triad

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



37.0080, 15.8580, 32.0020



38.4520, 21.7340, -8.4260



38.1620, -35.8070, -6.3590

Complementary

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



37.0080, 15.8580, 32.0020



48.9920, -15.8580, -32.0020

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.



34.6280, -25.8560, -16.0000



37.0080, 15.8580, 32.0020



34.1780, 1.6540, -18.9700

Square

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



37.0080, 15.8580, 32.0020



36.2250, 38.9710, 4.0830



29.3500, -13.7500, -26.1500



40.3110, -43.2360, 1.6280

Rectangle

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



37.0080, 15.8580, 32.0020



30.0590, 46.2110, 27.0670



29.3500, -13.7500, -26.1500



37.6090, -32.8720, -9.9920

Sweetspot

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



37.0080, 15.8580, 32.0020



82.6130, 6.0040, 12.3400



20.2420, -20.4520, 18.2360



39.7820, 3.8500, 7.3220



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



37.0080, 15.8580, 32.0020



39.1640, 24.8870, 50.0950



34.3000, 26.3590, 23.4070



35.6520, 1.1000, 2.0920



41.2290, 26.2620, 52.7100



92.5980, 58.4820, 118.5940

Inverse Universe

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



30.7660, 36.3100, 13.7660



29.3450, 56.8490, 21.4970



51.7000, -26.3590, -23.4070



35.3100, 2.0630, 1.1590



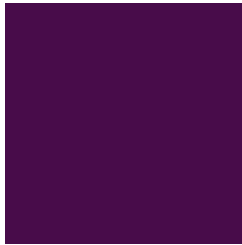
30.8400, 59.8290, 22.5570



69.5680, 134.8330, 50.9370

Previews

White Background



This preview shows how the YIQ color 37.0080, 15.8580, 32.0020 looks on a white background.

Color Contrast Check

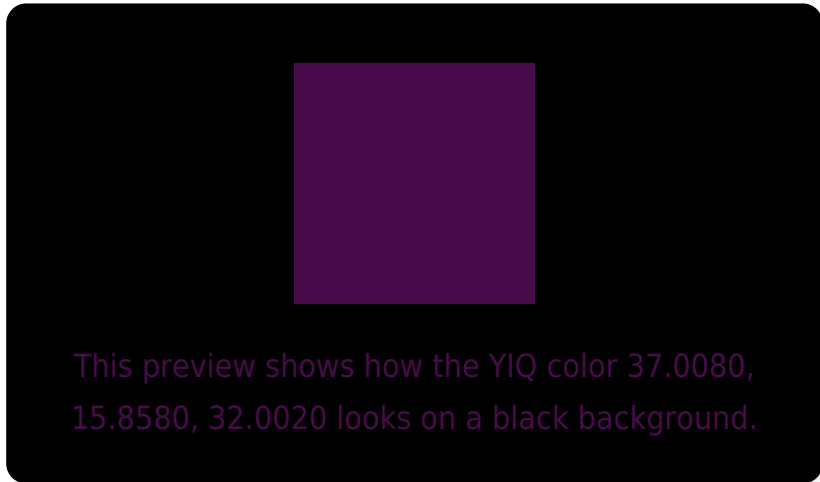
Large Text (above 18pt) WCAG AA ✓ Pass

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

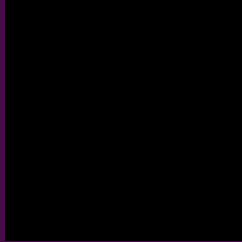
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 37.0080, 15.8580, 32.0020

Background



This preview shows how black text looks on a background with the YIQ color 37.0080, 15.8580, 32.0020.



This preview shows how white text looks on a background with the YIQ color 37.0080, 15.8580,

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

37.0080, 15.8580, 32.0020

Protanopia

33.9850, -39.2020, 5.6140

Deuteranopia

40.6960, -19.3950, 4.5810



Tritanopia

41.9920, 20.8140, 8.2540

Trichromacy



Original Color

37.0080, 15.8580, 32.0020

Protanomaly

34.7320, -19.0760, 15.3240

Deuteranomaly

39.4360, -6.5590, 14.2490

Tritanomaly

40.1910, 19.1160, 17.0040

Monochromacy



Original Color

37.0080, 15.8580, 32.0020

Achromatopsia

37.0000, -0.0000, 0.0000

Achromatomaly

37.0860, 6.0500, 11.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 37.0080, 15.8580, 32.0020 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(72, 12, 74)` looks like.

```
.text, #text, p{  
    color:rgb(72, 12, 74)  
}
```

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(72, 12, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 12, 74) }
```

Border

The CSS property to change the border of an element to YIQ 37.0080, 15.8580, 32.0020 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(72, 12, 74) }
```


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

```
.border{ border-color:rgb(72, 12, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 12, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 12, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 12, 74);  
box-shadow:4px 4px 4px 4px rgb(72, 12, 74)  
}
```

Background

The CSS property to change the background color of an element to YIQ 37.0080, 15.8580, 32.0020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 12, 74) }
```

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

```
.background{ background-color: rgb(72, 12,  
74) }
```

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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