

Converting Colors

YUV(37.2680, 3.8119, 37.4760)

Have a look what the booklet for
YUV(37.2680, 3.8119, 37.4760)
contains.

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Color

**YUV(37.2680, 3.8119,
37.4760)**

Conversions

Conversions Part 1

Format	Color
Hex	500E2D
RGB	80, 14, 45
RGB Percent	31%, 5%, 18%
CMY	0.6863, 0.9451, 0.8235
CMYK	0.00, 0.82, 0.44, 0.69
HSL	332°, 70%, 18%
HSV	332°, 82%, 31%
XYZ	3.9390, 2.2090, 2.7014
YIQ	37.2680, 29.3850, 23.6330

Conversions

Conversions Part 2

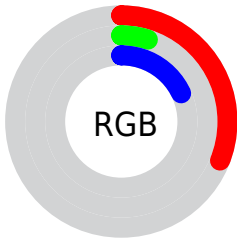
Format	Color
R_{YB}	80, 14, 45
Decimal	5246509
CIE _{Lab}	16.55, 32.74, -2.21
CIE _{LCh}	17, 32.810, 356.130
Yxy	2.2090, 0.4451, 0.2496
Android (android.graphics.Color)	4283436589 (0xFF500E2D)
YUV	37.2680, 3.8119, 37.4760
Hunter-Lab	14.8627, 21.2967, -0.3724

Details

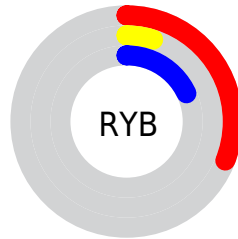
The YUV color **37.2680, 3.8119, 37.4760** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **56.7320, -3.8119, -37.4760**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **87.4100, 1.7699, 39.1054**, and **9.6820, -4.2802, 19.5729** is the 20% darker color. If you saturate the color by 10%, you get **32.1160, 4.3798, 41.9943**, and if you desaturate by 10%, it is **42.4200, 3.2439, 32.9577**.

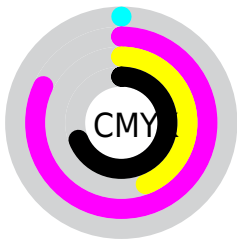
Distribution



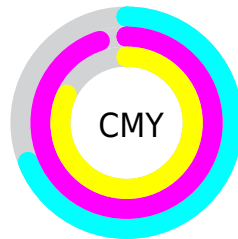
- Red (31%)
- Green (5%)
- Blue (18%)



- Red (31%)
- Yellow (5%)
- Blue (18%)



- Cyan (0%)
- Magenta (82%)
- Yellow (44%)
- Black (69%)



- Cyan (69%)
- Magenta (95%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.2680, 3.8119, 37.4760 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 YUV color 37.2680, 3.8119, 37.4760 by changing the saturation by 10% instead.

37.2680, 3.8119,
37.4760

37.2680, 3.8119,
37.4760

252.6520, 1.1576,
2.0592

19.2950, 2.8126,
31.3133

87.4100, 1.7699,
39.1054

9.6820, -4.2802,
19.5729

112.6060, 1.1802,
41.5645

0.0000, 0.0000,
0.0000

138.9050, 1.0328,
42.1793


165.8020, 0.5906,
44.0236


193.4000, 0.2958,
45.2532


215.4310, 3.2385,

34.7020


 235.0590, 7.3659,
17.4883

 37.2680, 3.8119,
37.4760


 37.2680, 3.8119,
37.4760

 32.1160, 4.3798,
41.9943


 42.4200, 3.2439,
32.9577

 28.2520, 4.8058,
45.3830

 47.5720, 2.6760,
28.4394

 52.8380, 2.5449,
23.8211

 57.9900, 1.9769,
19.3028

 63.1420, 1.4090,
14.7845

■ 68.2940, 0.8411,
10.2662

■ 73.5600, 0.7099,
5.6479

■ 78.7120, 0.1420,
1.1296

■ 83.8640, -0.4260,
-3.3887

Harmonies

Analogous

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



41.4600, 12.5912, 21.5216



37.2680, 3.8119, 37.4760



36.7060, -7.2501, 38.8458

Triad

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



37.2680, 3.8119, 37.4760



36.2820, -17.8870, -2.8783



38.4700, 20.4743, -33.7382

Complementary

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



37.2680, 3.8119, 37.4760



56.7320, -3.8119, -37.4760

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.



36.8910, 11.8857, -32.3534



37.2680, 3.8119, 37.4760



30.1310, -8.9386, -26.4249

Square

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



37.2680, 3.8119, 37.4760



39.0390, -19.2462, 13.1208



34.1550, 1.4026, -29.9539



36.4470, 25.4156, -31.9640

Rectangle

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



37.2680, 3.8119, 37.4760



37.4420, -16.9799, 32.9384



34.1550, 1.4026, -29.9539



37.7860, 17.8535, -33.1383

Sweetspot

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



37.2680, 3.8119, 37.4760



87.5550, 1.6984, 15.2993



31.6900, 23.8168, 14.3039



42.9950, 0.9885, 9.6514



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



37.2680, 3.8119, 37.4760



37.6820, 6.0728, 59.0379



34.3210, -10.0183, 40.0605



38.4240, 0.2840, 2.2592



36.9810, 5.9254, 59.6527



81.7940, 13.4126, 131.7307

Inverse Universe

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



37.2680, 3.8119, 37.4760



37.6820, 6.0728, 59.0379



59.6790, 10.0183, -40.0605



38.4240, 0.2840, 2.2592



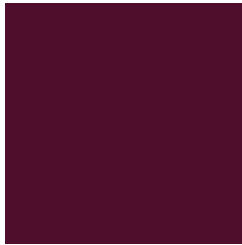
36.9810, 5.9254, 59.6527



81.7940, 13.4126, 131.7307

Previews

White Background



This preview shows how the YUV color 37.2680, 3.8119, 37.4760 looks on a white background.

Color Contrast Check

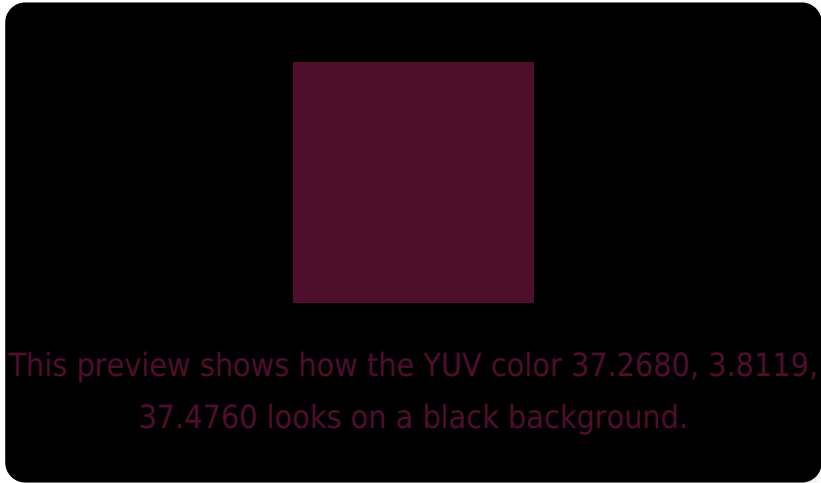
Large Text (above 18pt) WCAG AA ✓ Pass

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

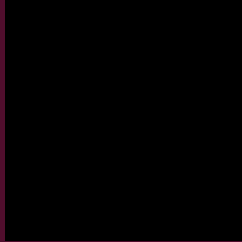
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.2680, 3.8119, 37.4760

Background



This preview shows how black text looks on a background with the YUV color 37.2680, 3.8119, 37.4760.



This preview shows how white text looks on a background with the YUV color 37.2680, 3.8119,

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

37.2680, 3.8119, 37.4760

Protanopia

43.3720, 9.1836, -5.5882

Deuteranopia

43.7940, -0.8844, 3.6887



Tritanopia

38.4560, -8.1128, 35.5571

Trichromacy



Original Color

37.2680, 3.8119, 37.4760

Protanomaly

41.0150, 7.3876, 10.5108

Deuteranomaly

41.6260, 0.6774, 16.1140

Tritanomaly

37.6070, -3.7503, 36.3017

Monochromacy



Original Color

37.2680, 3.8119, 37.4760

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.4300, 1.2670, 13.6549

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.2680, 3.8119, 37.4760 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(80, 14, 45)` looks like.

```
.text, #text, p{  
    color:rgb(80, 14, 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(80, 14, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 14, 45) }
```

Border

The CSS property to change the border of an element to YUV 37.2680, 3.8119, 37.4760 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(80, 14, 45) }
```


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

```
.border{ border-color:rgb(80, 14, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 14, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 14, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 14, 45);  
box-shadow:4px 4px 4px 4px rgb(80, 14, 45)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.2680, 3.8119, 37.4760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 14, 45) }
```

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

```
.background{ background-color: rgb(80, 14,  
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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