

Converting Colors

YUV(37.4960, 4.6855, 37.2760)

Have a look what the booklet for
YUV(37.4960, 4.6855, 37.2760)
contains.

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Color

**YUV(37.4960, 4.6855,
37.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	500E2F
RGB	80, 14, 47
RGB Percent	31%, 5%, 18%
CMY	0.6863, 0.9451, 0.8157
CMYK	0.00, 0.82, 0.41, 0.69
HSL	330°, 70%, 18%
HSV	330°, 82%, 31%
XYZ	3.9784, 2.2248, 2.9091
YIQ	37.4960, 28.7430, 24.2550

Conversions

Conversions Part 2

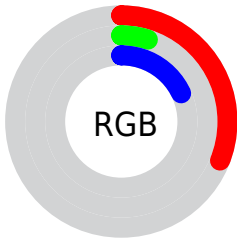
Format	Color
RYB	80, 14, 47
Decimal	5246511
CIELab	16.63, 32.98, -3.54
CIELCh	17, 33.167, 353.874
Yxy	2.2248, 0.4366, 0.2442
Android (android.graphics.Color)	4283436591 (0xFF500E2F)
YUV	37.4960, 4.6855, 37.2760
Hunter-Lab	14.9157, 21.5079, -1.1225




Details

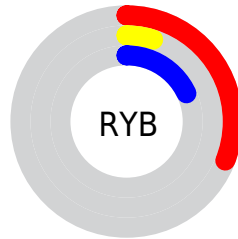
The YUV color **37.4960, 4.6855, 37.2760** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **56.5040, -4.6855, -37.2760**, and the grayscale version is **37.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **87.6380, 2.6435, 38.9055**, and **9.6820, -4.2802, 19.5729** is the 20% darker color. If you saturate the color by 10%, you get **32.3440, 5.2534, 41.7943**, and if you desaturate by 10%, it is **42.6480, 4.1175, 32.7577**.

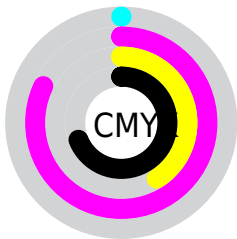
Distribution







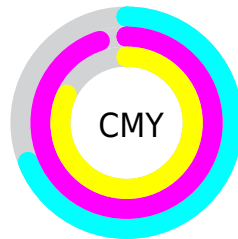
-  Red (31%)
-  Green (5%)
-  Blue (18%)






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



-  Cyan (0%)
-  Magenta (82%)
-  Yellow (41%)
-  Black (69%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 37.4960, 4.6855, 37.2760 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 37.4960, 4.6855, 37.2760 by changing the saturation by 10% instead.

37.4960, 4.6855,
37.2760

37.4960, 4.6855,
37.2760

252.6520, 1.1576,
2.0592

19.4090, 3.2494,
31.2133

87.6380, 2.6435,
38.9055

9.6820, -4.2802,
19.5729

112.5350, 2.2012,
40.7498

0.0000, 0.0000,
0.0000

139.1330, 1.9064,
41.9794


166.0300, 1.4642,
43.8237


193.7420, 1.6062,
44.9533

215.7730, 4.5489,


34.4021


 235.4010, 8.6763,
17.1883

 37.4960, 4.6855,
37.2760


 37.4960, 4.6855,
37.2760

 32.3440, 5.2534,
41.7943

 42.6480, 4.1175,
32.7577

 28.4800, 5.6794,
45.1830

 47.8000, 3.5496,
28.2394

 52.9520, 2.9817,
23.7211

 58.1040, 2.4137,
19.2028

 63.2560, 1.8458,
14.6845

■ 68.4080, 1.2779,
10.1662

■ 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.



41.6770, 13.4702, 19.5773



37.4960, 4.6855, 37.2760



36.6460, -6.2345, 39.7755

Triad

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



37.4960, 4.6855, 37.2760



36.8800, -18.1818, -1.6488



38.3560, 20.0375, -33.6382

Complementary

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



37.4960, 4.6855, 37.2760



56.5040, -4.6855, -37.2760

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.



37.3640, 11.1595, -32.7682



37.4960, 4.6855, 37.2760



29.7890, -10.2490, -26.1250

Square

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



37.4960, 4.6855, 37.2760



39.0500, -19.2516, 14.8652



33.9270, 0.5290, -29.7540



36.5610, 25.8524, -32.0640

Rectangle

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



37.4960, 4.6855, 37.2760



37.6810, -16.1117, 34.4828



33.9270, 0.5290, -29.7540



38.3730, 17.5641, -33.6531

Sweetspot

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



37.4960, 4.6855, 37.2760



87.5550, 1.6984, 15.2993



31.3910, 23.9642, 13.6891



43.1090, 1.4253, 9.5514



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.



37.4960, 4.6855, 37.2760



38.0240, 7.3832, 58.7380



33.7340, -9.7289, 40.5753



38.4240, 0.2840, 2.2592



37.3230, 7.2358, 59.3527



82.5920, 16.4701, 131.0308

Inverse Universe

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



37.4960, 4.6855, 37.2760



38.0240, 7.3832, 58.7380



60.2660, 9.7289, -40.5753



38.4240, 0.2840, 2.2592



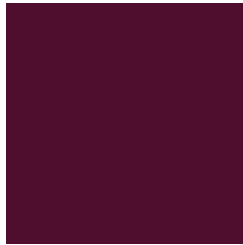
37.3230, 7.2358, 59.3527



82.5920, 16.4701, 131.0308

Previews

White Background



This preview shows how the YUV color 37.4960, 4.6855, 37.2760 looks on a white background.

Color Contrast Check

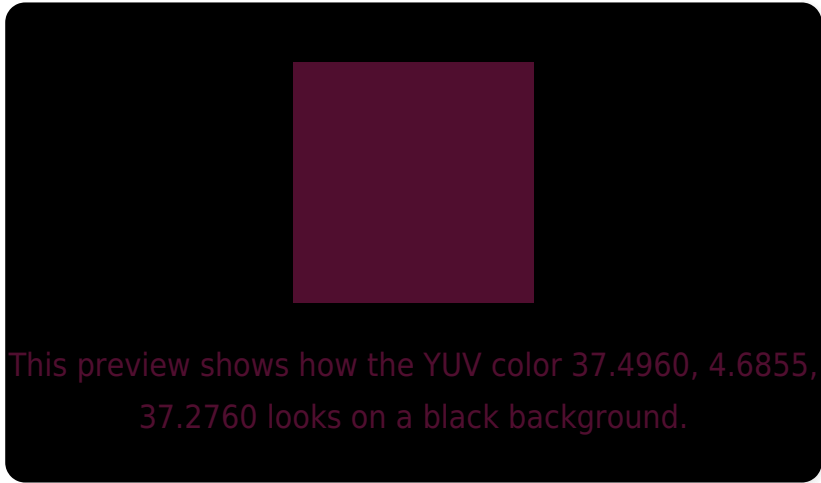
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.4960, 4.6855, 37.2760

Background



This preview shows how black text looks on a background with the YUV color 37.4960, 4.6855, 37.2760.



This preview shows how white text looks on a background with the YUV color 37.4960, 4.6855,

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

37.4960, 4.6855, 37.2760

Protanopia

43.4150, 10.6414, -6.5030

Deuteranopia

43.7230, 0.1366, 2.8739



Tritanopia

39.1570, -7.9654, 34.9423

Trichromacy



Original Color

37.4960, 4.6855, 37.2760

Protanomaly

40.9440, 8.4086, 9.6961

Deuteranomaly

41.5550, 1.6984, 15.2993

Tritanomaly

38.4220, -3.1660, 35.5869

Monochromacy



Original Color

37.4960, 4.6855, 37.2760

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.5440, 1.7038, 13.5549

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.4960, 4.6855, 37.2760 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, 47)` looks like.

```
.text, #text, p{  
    color:rgb(80, 14, 47)  
}
```

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, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 14, 47) }
```

Border

The CSS property to change the border of an element to YUV 37.4960, 4.6855, 37.2760 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, 47) }
```


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

```
.border{ border-color:rgb(80, 14, 47) }
```

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, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 14, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 14, 47);  
box-shadow:4px 4px 4px 4px rgb(80, 14, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.4960, 4.6855, 37.2760 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, 47) }
```

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

```
.background{ background-color: rgb(80, 14,  
47) }
```

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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