

Converting Colors

YUV(40.3600, 4.2595, 33.8873)

Have a look what the booklet for
YUV(40.3600, 4.2595, 33.8873)
contains.

| | |
|--|----|
| YUV(40.3600, 4.2595, 33.8873) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(40.3600, 4.2595,
33.8873)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 4F1331 |
| RGB | 79, 19, 49 |
| RGB Percent | 31%, 7%, 19% |
| CMY | 0.6902, 0.9255, 0.8078 |
| CMYK | 0.00, 0.76, 0.38, 0.69 |
| HSL | 330°, 61%, 19% |
| HSV | 330°, 76%, 31% |
| XYZ | 4.0117, 2.3498, 3.1478 |
| YIQ | 40.3600, 26.1300, 22.0500 |

Conversions

Conversions Part 2

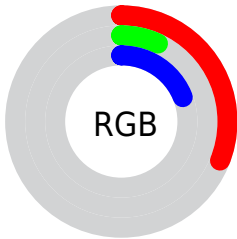
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 79, 19, 49 |
| Decimal | 5182257 |
| CIE _{Lab} | 17.23, 30.88, -4.10 |
| CIE _{LCh} | 17, 31.146, 352.439 |
| Yxy | 2.3498, 0.4219, 0.2471 |
| Android (android.graphics.Color) | 4283372337 (0xFF4F1331) |
| YUV | 40.3600, 4.2595, 33.8873 |
| Hunter-Lab | 15.3289, 19.8892, -1.4451 |

Details

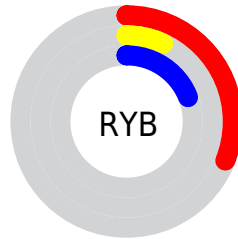
The YUV color **40.3600, 4.2595, 33.8873** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **57.6400, -4.2595, -33.8873**, and the grayscale version is **40.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.3280, 2.7963, 36.5463**, and **9.9810, -4.4276, 20.1877** is the 20% darker color. If you saturate the color by 10%, you get **35.2080, 4.8275, 38.4056**, and if you desaturate by 10%, it is **45.5120, 3.6916, 29.3690**.

Distribution



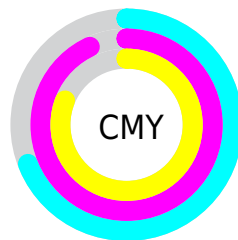
- Red (31%)
- Green (7%)
- Blue (19%)



- Red (31%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (76%)
- Yellow (38%)
- Black (69%)



- Cyan (69%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.3600, 4.2595, 33.8873 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 40.3600, 4.2595, 33.8873 by changing the saturation by 10% instead.

■ 40.3600, 4.2595,
33.8873

■ 40.3600, 4.2595,
33.8873

■ 255.0000, 0.0000,
0.0000

■ 19.3380, 4.2704,
30.3986

■ 89.3280, 2.7963,
36.5463

■ 9.9810, -4.4276,
20.1877

■ 114.9260, 2.5015,
37.7759

■ 0.0000, 0.0000,
0.0000

■ 140.8230, 2.0593,
39.6202

■ 167.5350, 2.2012,
40.7498

■ 195.1330, 1.9064,
41.9794

■ 218.3490, 4.2649,


32.1429


 237.9770, 8.3923,
14.9292

 40.3600, 4.2595,
33.8873


 40.3600, 4.2595,
33.8873

 35.2080, 4.8275,
38.4056


 45.5120, 3.6916,
29.3690

 30.0560, 5.3954,
42.9239

 50.6640, 3.1236,
24.8507

 28.1810, 5.8268,
44.5683

 55.8160, 2.5557,
20.3324

 60.9680, 1.9878,
15.8141

 66.1200, 1.4198,
11.2958

■ 70.6850, 1.1413,
7.2923

■ 75.8370, 0.5734,
2.7740

■ 80.9890, 0.0054,
-1.7444

■ 86.1410, -0.5625,
-6.2627

Harmonies

Analogous

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



43.2530, 13.1863, 17.3181



40.3600, 4.2595, 33.8873



39.0370, -5.9342, 36.8016

Triad

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



40.3600, 4.2595, 33.8873



38.3640, -18.9135, -0.3192



38.8290, 19.3113, -34.0530

Complementary

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



40.3600, 4.2595, 33.8873



57.6400, -4.2595, -33.8873

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.



37.2500, 10.7227, -32.6683



40.3600, 4.2595, 33.8873



31.9140, -9.8176, -24.4806

Square

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



40.3600, 4.2595, 33.8873



40.2350, -19.8359, 15.5799



34.6280, 0.6764, -30.3688



37.5070, 24.4000, -32.8936

Rectangle

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



40.3600, 4.2595, 33.8873



39.6530, -13.6329, 32.7533



34.6280, 0.6764, -30.3688



38.7320, 16.4011, -33.9680

Sweetspot

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



40.3600, 4.2595, 33.8873



87.1310, 1.4144, 13.0401



34.8100, 21.7857, 12.4446



41.9840, 0.9939, 7.9070



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



40.3600, 4.2595, 33.8873



42.1650, 6.8207, 52.4753



36.9400, -8.8444, 36.8866



35.4240, 0.2840, 2.2592



36.3120, 7.2412, 57.6084



81.8800, 16.3282, 129.9012

Inverse Universe

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



40.3600, 4.2595, 33.8873



42.1650, 6.8207, 52.4753



61.0600, 8.8444, -36.8866



35.4240, 0.2840, 2.2592



36.3120, 7.2412, 57.6084



81.8800, 16.3282, 129.9012

Previews

White Background



This preview shows how the YUV color 40.3600, 4.2595, 33.8873 looks on a white background.

Color Contrast Check

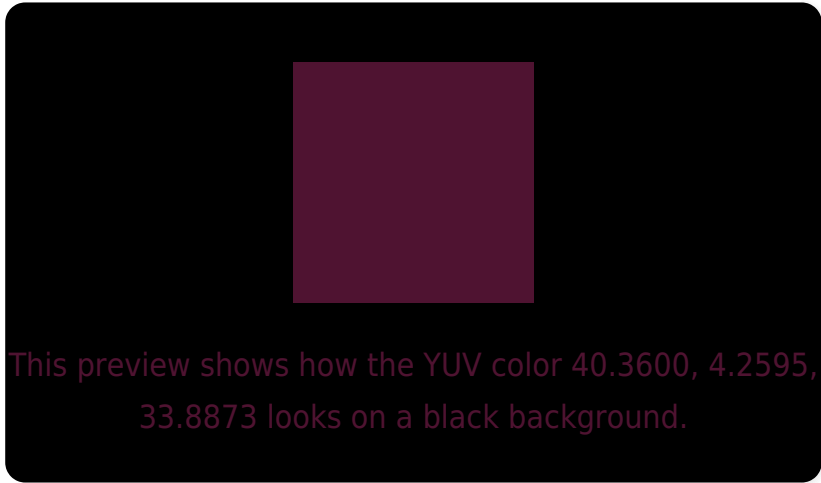
Large Text (above 18pt) WCAG AA ✓ Pass

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

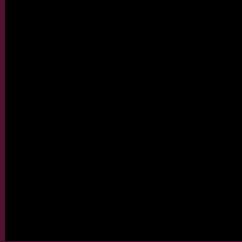
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 40.3600, 4.2595, 33.8873

Background



This preview shows how black text looks on a background with the YUV color 40.3600, 4.2595, 33.8873.



This preview shows how white text looks on a background with the YUV color 40.3600, 4.2595,

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

40.3600, 4.2595, 33.8873

Protanopia

43.7140, 10.4940, -5.8882

Deuteranopia

44.8370, 0.5734, 2.7740



Tritanopia

41.0750, -6.9390, 32.3832

Trichromacy



Original Color

40.3600, 4.2595, 33.8873

Protanomaly

42.2320, 8.2666, 8.5665

Deuteranomaly

42.9570, 1.9932, 14.0697

Tritanomaly

40.8130, -2.8658, 32.6130

Monochromacy



Original Color

40.3600, 4.2595, 33.8873

Achromatopsia

40.0000, 0.0000, 0.0000

Achromatomaly

39.8320, 1.5618, 12.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.3600, 4.2595, 33.8873 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(79, 19, 49)` looks like.

```
.text, #text, p{  
    color:rgb(79, 19, 49)  
}
```

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(79, 19, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 19, 49) }
```

Border

The CSS property to change the border of an element to YUV 40.3600, 4.2595, 33.8873 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(79, 19, 49) }
```


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

```
.border{ border-color:rgb(79, 19, 49) }
```

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

Here you see how a box with a 4 pixel rgb(79, 19, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 19, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 19, 49);  
box-shadow:4px 4px 4px 4px rgb(79, 19, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 40.3600, 4.2595, 33.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 19, 49) }
```

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

```
.background{ background-color: rgb(79, 19,  
49) }
```

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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