

Converting Colors

YUV(54.1760, 3.3642, 41.0646)

Have a look what the booklet for
YUV(54.1760, 3.3642, 41.0646)
contains.

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Color

**YUV(54.1760, 3.3642,
41.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	651D3D
RGB	101, 29, 61
RGB Percent	40%, 11%, 24%
CMY	0.6039, 0.8863, 0.7608
CMYK	0.00, 0.71, 0.40, 0.60
HSL	333°, 55%, 25%
HSV	333°, 71%, 40%
XYZ	6.6485, 3.9824, 4.8331
YIQ	54.1760, 32.6400, 25.2160

Conversions

Conversions Part 2

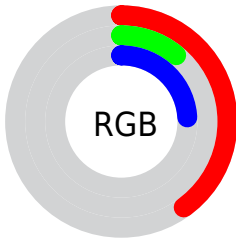
Format	Color
RYB	101, 29, 61
Decimal	6626621
CIELab	23.61, 35.27, -2.52
CIElCh	24, 35.359, 355.920
Yxy	3.9824, 0.4299, 0.2575
Android (android.graphics.Color)	4284816701 (0xFF651D3D)
YUV	54.1760, 3.3642, 41.0646
Hunter-Lab	19.9558, 24.5465, -0.3905

Details

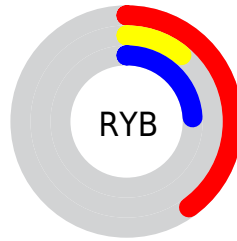
The YUV color **54.1760, 3.3642, 41.0646** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.8240, -3.3642, -41.0646**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0300, 1.4642, 43.8237**, and **17.4150, 0.7814, 29.4540** is the 20% darker color. If you saturate the color by 10%, you get **47.6220, 3.6374, 46.8125**, and if you desaturate by 10%, it is **60.7300, 3.0911, 35.3168**.

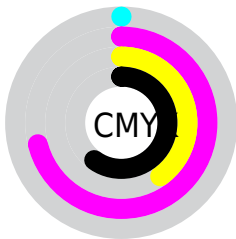
Distribution



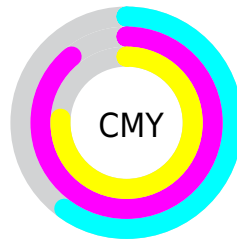
- Red (40%)
- Green (11%)
- Blue (24%)



- Red (40%)
- Yellow (11%)
- Blue (24%)



- Cyan (0%)
- Magenta (71%)
- Yellow (40%)
- Black (60%)



- Cyan (60%)
- Magenta (89%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.1760, 3.3642, 41.0646 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 54.1760, 3.3642, 41.0646 by changing the saturation by 10% instead.

■ 54.1760, 3.3642,
41.0646

■ 54.1760, 3.3642,
41.0646

■ 255.0000, 0.0000,
0.0000

■ 27.4580, 5.6902,
41.6943

■ 105.0300, 1.4642,
43.8237

■ 17.4150, 0.7814,
29.4540

■ 131.0410, 1.4588,
45.5680

■ 5.3820, -2.6533,
11.0660

■ 157.6390, 1.1640,
46.7976

■ 0.0000, 0.0000,
0.0000

■ 185.2370, 0.8692,
48.0272

■ 208.6490, 2.6380,
40.6498

■ 228.3910, 7.2022,

23.3361

246.7820, 4.0515,
7.2072

54.1760, 3.3642,
41.0646

54.1760, 3.3642,
41.0646

47.6220, 3.6374,
46.8125

60.7300, 3.0911,
35.3168

41.1820, 4.3473,
52.4604

67.1700, 2.3812,
29.6689

35.3290, 4.7678,
57.5935

73.7240, 2.1081,
23.9211

80.1640, 1.3981,
18.2732

87.3050, 0.8356,
12.0105

■ 93.8590, 0.5625,
6.2627

■ 100.2990, -0.1474,
0.6148

■ 106.8530, -0.4205,
-5.1331

■ 113.4070, -0.6937,
-10.8809

Harmonies

Analogous

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



57.2260, 14.1856, 23.4808



54.1760, 3.3642, 41.0646



53.2720, -9.0081, 42.7345

Triad

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



54.1760, 3.3642, 41.0646



49.8600, -24.5810, -2.5082



50.1420, 24.5800, -43.9745

Complementary

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



54.1760, 3.3642, 41.0646



75.8240, -3.3642, -41.0646

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.



48.9220, 14.8285, -42.9046



54.1760, 3.3642, 41.0646



42.4890, -8.6221, -34.6319

Square

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



54.1760, 3.3642, 41.0646



53.2260, -26.2404, 16.4648



45.8440, 3.0349, -40.2052



47.6460, 30.2475, -41.7855

Rectangle

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



54.1760, 3.3642, 41.0646



53.7630, -17.1382, 37.0418



45.8440, 3.0349, -40.2052



50.0450, 21.6698, -43.8895

Sweetspot

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



54.1760, 3.3642, 41.0646



112.4410, 1.2616, 15.3992



49.1680, 25.5532, 17.3927



55.5820, 0.6991, 9.1366



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



54.1760, 3.3642, 41.0646



57.1880, 5.3303, 63.8561



52.8760, -11.7709, 42.2047



47.7230, 0.1366, 2.8739



40.1990, 5.3249, 65.6005



84.6700, 11.5017, 137.9784

Inverse Universe

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



54.1760, 3.3642, 41.0646



57.1880, 5.3303, 63.8561



77.1240, 11.7709, -42.2047



47.7230, 0.1366, 2.8739



40.1990, 5.3249, 65.6005



84.6700, 11.5017, 137.9784

Previews

White Background



This preview shows how the YUV color 54.1760, 3.3642, 41.0646 looks on a white background.

Color Contrast Check

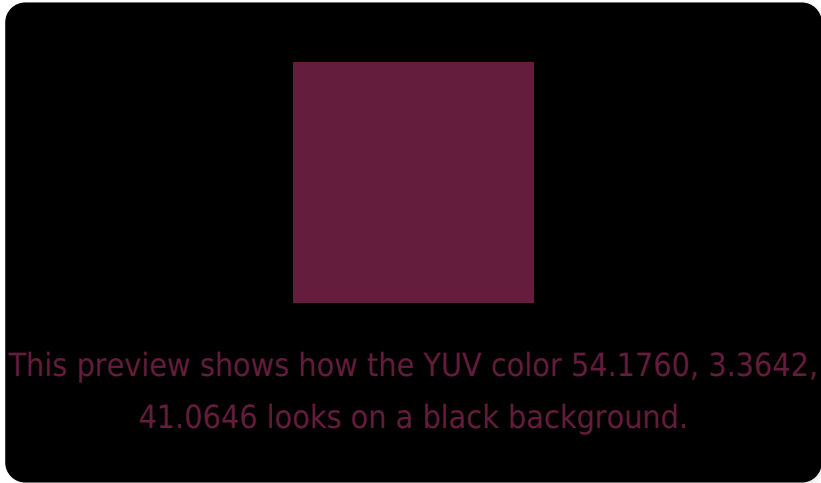
Large Text (above 18pt) WCAG AA ✓ Pass

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

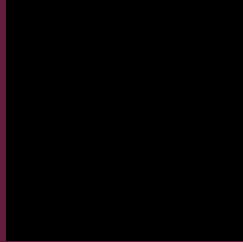
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.1760, 3.3642, 41.0646

Background



This preview shows how black text looks on a background with the YUV color 54.1760, 3.3642, 41.0646.



This preview shows how white text looks on a background with the YUV color 54.1760, 3.3642, 41.0646.

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

54.1760, 3.3642, 41.0646

Protanopia

57.7140, 10.4940, -5.8882

Deuteranopia

58.2070, -0.5951, 4.2035



Tritanopia

54.3640, -8.5605, 39.1458

Trichromacy



Original Color

54.1760, 3.3642, 41.0646

Protanomaly

56.4280, 7.6770, 11.0256

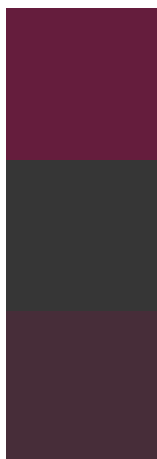
Deuteranomaly

56.6370, 0.6720, 17.8584

Tritanomaly

54.5150, -4.1979, 39.8903

Monochromacy



Original Color

54.1760, 3.3642, 41.0646

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.1420, 1.4090, 14.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.1760, 3.3642, 41.0646 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(101, 29, 61)` looks like.

```
.text, #text, p{  
    color:rgb(101, 29, 61)  
}
```

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(101, 29, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 29, 61) }
```

Border

The CSS property to change the border of an element to YUV 54.1760, 3.3642, 41.0646 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(101, 29, 61) }
```


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

```
.border{ border-color:rgb(101, 29, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 29, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 29, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 29, 61);  
box-shadow:4px 4px 4px 4px rgb(101, 29,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 54.1760, 3.3642, 41.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 29, 61) }
```

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

```
.background{ background-color: rgb(101, 29,  
61) }
```

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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