

Converting Colors

YUV(46.5270, 34.7432, 56.5428)

Have a look what the booklet for
YUV(46.5270, 34.7432, 56.5428)
contains.

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Color

**YUV(46.5270, 34.7432,
56.5428)**

Conversions

Conversions Part 1

Format	Color
Hex	6F0075
RGB	111, 0, 117
RGB Percent	44%, 0%, 46%
CMY	0.5647, 1.0000, 0.5412
CMYK	0.05, 1.00, 0.00, 0.54
HSL	297°, 100%, 23%
HSV	297°, 100%, 46%
XYZ	9.7664, 4.6639, 17.2151
YIQ	46.5270, 28.5990, 59.9190

Conversions

Conversions Part 2

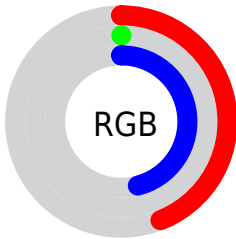
Format	Color
RYB	111, 0, 117
Decimal	7274613
CIELab	25.75, 54.21, -36.16
CIELCh	26, 65.163, 326.300
Yxy	4.6639, 0.3086, 0.1474
Android (android.graphics.Color)	4285464693 (0xFF6F0075)
YUV	46.5270, 34.7432, 56.5428
Hunter-Lab	21.5960, 42.9308, -32.1454

Details

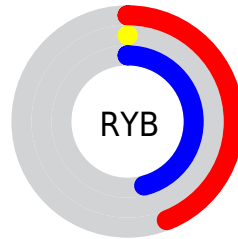
The YUV color **46.5270, 34.7432, 56.5428** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **70.4730, -34.7432, -56.5428**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.9300, 30.1075, 50.0504**, and **25.0940, 21.1527, 28.8586** is the 20% darker color. If you saturate the color by 10%, you get **46.5270, 34.7432, 56.5428**, and if you desaturate by 10%, it is **53.8700, 31.1231, 50.9800**.

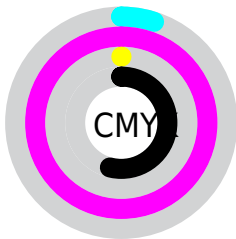
Distribution



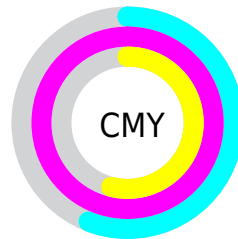
- Red (44%)
- Green (0%)
- Blue (46%)



- Red (44%)
- Yellow (0%)
- Blue (46%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (54%)



- Cyan (56%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.5270, 34.7432, 56.5428 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 46.5270, 34.7432, 56.5428 by changing the saturation by 10% instead.

46.5270, 34.7432,
56.5428

46.5270, 34.7432,
56.5428

255.0000, 0.0000,
0.0000

35.6040, 27.8032,
42.4433

108.9300, 30.1075,
50.0504

25.0940, 21.1527,
28.8586

136.2290, 29.9601,
50.6652

15.2960, 14.6441,
16.4034

163.3540, 30.3915,
52.3095

3.2090, 9.7570,
-2.8143

192.0660, 30.5335,
53.4391

0.0000, 0.0000,
0.0000

209.2140, 22.5725,
40.1543

225.6500, 14.4696,

25.7400

■ 242.6730, 6.0772,
10.8108

■ 46.5270, 34.7432,
56.5428

■ 53.8700, 31.1231,
50.9800

■ 60.3270, 27.9398,
45.3172

■ 67.6700, 24.3197,
39.7544

■ 74.7140, 20.8470,
33.5768

■ 82.0570, 17.2269,
28.0140

■ 88.8130, 13.8962,
22.9660

■ 95.8570, 10.4235,
16.7884

■ 103.2000, 6.8034,
11.2256

■ 109.6570, 3.6201,
5.5628

Harmonies

Analogous

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



49.3580, 50.6025, -37.1480



46.5270, 34.7432, 56.5428



49.7260, 9.5021, 79.1703

Triad

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



46.5270, 34.7432, 56.5428



57.6780, -28.4353, 20.4534



58.8160, 22.2757, -51.5816

Complementary

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



46.5270, 34.7432, 56.5428



70.4730, -34.7432, -56.5428

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.



52.4150, 0.2884, -45.9680



46.5270, 34.7432, 56.5428



50.0600, -24.6796, -17.5926

Square

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



46.5270, 34.7432, 56.5428



52.5930, -25.9283, 56.4849



44.6120, -21.9937, -39.1247



62.2020, 40.3264, -54.5512

Rectangle

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



46.5270, 34.7432, 56.5428



46.6760, -4.7703, 83.5991



44.6120, -21.9937, -39.1247



56.9920, 15.2869, -49.9820

Sweetspot

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



46.5270, 34.7432, 56.5428



125.4000, 13.6068, 22.4512



18.0340, 48.7902, -15.8158



59.9660, 8.3978, 13.1848



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



46.5270, 34.7432, 56.5428



60.7970, 45.4561, 73.8460



42.5070, 11.5820, 65.3304



55.1790, 1.8838, 2.4740



48.5920, 36.1901, 59.1168



99.3630, 74.2640, 120.7076

Inverse Universe

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



35.6670, -14.6258, 71.3290



46.6590, -19.0589, 93.2611



74.4930, -11.5820, -65.3304



54.7940, -0.8844, 3.6887



37.1620, -15.3629, 74.4029



76.2320, -31.1734, 152.3945

Previews

White Background



This preview shows how the YUV color 46.5270, 34.7432, 56.5428 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

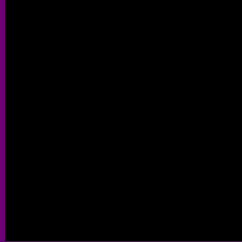
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.5270, 34.7432, 56.5428

Background



This preview shows how black text looks on a background with the YUV color 46.5270, 34.7432, 56.5428.



This preview shows how white text looks on a background with the YUV color 46.5270, 34.7432,

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



Protanopia

51.4420, 39.7151, -45.1146

Deuteranopia

59.9640, 24.6677, -25.4014

Tritanopia

63.3850, -7.0918, 34.7424

Trichromacy



Protanomaly

49.3310, 38.2908, -8.1833

Deuteranomaly

54.8890, 28.6487, 4.4823

Tritanomaly

57.1530, 8.3056, 42.8388

Monochromacy



Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.7480, 12.4492, 20.3920

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.5270, 34.7432, 56.5428 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(111, 0, 117)` looks like.

```
.text, #text, p{  
  color:rgb(111, 0, 117)  
}
```

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(111, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 0, 117) }
```

Border

The CSS property to change the border of an element to YUV 46.5270, 34.7432, 56.5428 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(111, 0, 117) }
```

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

```
.border{ border-color:rgb(111, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(111, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(111, 0,  
117) }
```


Background

The CSS property to change the background color of an element to YUV 46.5270, 34.7432, 56.5428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 0, 117) }
```

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

```
.background{ background-color: rgb(111, 0,  
117) }
```

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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