

Converting Colors

YUV(46.4450, 8.6546, 24.1657)

Have a look what the booklet for
YUV(46.4450, 8.6546, 24.1657)
contains.

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Color

**YUV(46.4450, 8.6546,
24.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	4A1D40
RGB	74, 29, 64
RGB Percent	29%, 11%, 25%
CMY	0.7098, 0.8863, 0.7490
CMYK	0.00, 0.61, 0.14, 0.71
HSL	313°, 44%, 20%
HSV	313°, 61%, 29%
XYZ	4.1888, 2.7047, 5.1518
YIQ	46.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

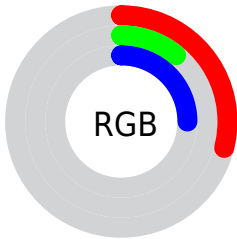
Format	Color
R_{YB}	74, 29, 64
Decimal	4857152
CIE Lab	18.82, 26.52, -12.30
CIE LCh	19, 29.239, 335.118
Yxy	2.7047, 0.3478, 0.2245
Android (android.graphics.Color)	4283047232 (0xFF4A1D40)
YUV	46.4450, 8.6546, 24.1657
Hunter-Lab	16.4461, 16.6833, -7.0605

Details

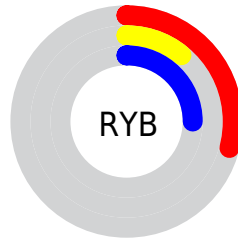
The YUV color **46.4450, 8.6546, 24.1657** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **56.5550, -8.6546, -24.1657**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.8690, 8.9386, 26.4249**, and **11.7770, 5.0399, 16.8586** is the 20% darker color. If you saturate the color by 10%, you get **42.1080, 9.8068, 27.9693**, and if you desaturate by 10%, it is **50.7820, 7.5025, 20.3622**.

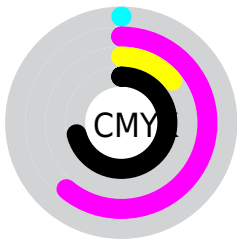
Distribution



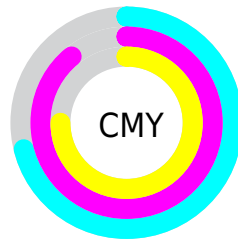
- Red (29%)
- Green (11%)
- Blue (25%)



- Red (29%)
- Yellow (11%)
- Blue (25%)



- Cyan (0%)
- Magenta (61%)
- Yellow (14%)
- Black (71%)



- Cyan (71%)
- Magenta (89%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.4450, 8.6546, 24.1657 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 46.4450, 8.6546, 24.1657 by changing the saturation by 10% instead.

46.4450, 8.6546,
24.1657

46.4450, 8.6546,
24.1657

255.0000, 0.0000,
0.0000

23.2600, 9.2388,
23.4510

93.8690, 8.9386,
26.4249

11.7770, 5.0399,
16.8586

119.4670, 8.6438,
27.6544

0.0000, 0.0000,
0.0000

145.2930, 9.2226,
28.6840

172.0050, 9.3645,
29.8136


199.4180, 9.6539,
30.3284


225.3250, 10.6858,


26.0250


 243.2600, 5.7878,
10.2960

 46.4450, 8.6546,
24.1657


 46.4450, 8.6546,
24.1657

 42.1080, 9.8068,
27.9693


 50.7820, 7.5025,
20.3622


 37.2980, 11.6851,
32.1877


 55.5920, 5.6241,
16.1438

 32.9610, 12.8372,
35.9912

 59.9290, 4.4720,
12.3403

 28.7380, 14.4262,
39.6948

 64.8530, 3.0305,
8.0219

 69.0760, 1.4415,
4.3183

■ 73.4130, 0.2894,
0.5148

■ 78.3370, -1.1521,
-3.8035

■ 82.5600, -2.7411,
-7.5071

■ 87.4840, -4.1826,
-11.8255

Harmonies

Analogous

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



46.7890, 16.8660, 3.6930



46.4450, 8.6546, 24.1657



43.8070, -0.3979, 34.3723

Triad

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



46.4450, 8.6546, 24.1657



43.1480, -21.2720, 9.5172



40.2650, 14.6594, -35.3124

Complementary

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



46.4450, 8.6546, 24.1657



56.5550, -8.6546, -24.1657

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.



38.4580, 5.1972, -33.7277



46.4450, 8.6546, 24.1657



39.8900, -16.7078, -7.7965

Square

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



46.4450, 8.6546, 24.1657



43.4640, -20.4418, 23.2721



34.7760, -3.8336, -30.4986



40.6870, 21.3533, -35.6825

Rectangle

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



46.4450, 8.6546, 24.1657



43.9720, -7.3812, 34.2276



34.7760, -3.8336, -30.4986



40.0540, 11.3124, -35.1274

Sweetspot

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



46.4450, 8.6546, 24.1657



85.9780, 3.4618, 9.6663



37.1200, 18.1818, 1.6488



41.9020, 2.0203, 5.3479



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



46.4450, 8.6546, 24.1657



53.4990, 13.5580, 38.1504



43.9370, -0.9549, 26.3653



35.5380, 0.7208, 2.1592



39.5040, 19.4715, 54.8090



89.0620, 43.8464, 123.6026

Inverse Universe

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



46.4450, 8.6546, 24.1657



53.4990, 13.5580, 38.1504



59.0630, 0.9549, -26.3653



35.5380, 0.7208, 2.1592



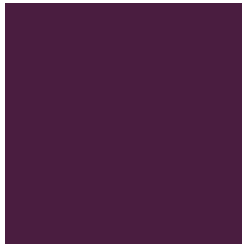
39.5040, 19.4715, 54.8090



89.0620, 43.8464, 123.6026

Previews

White Background



This preview shows how the YUV color 46.4450, 8.6546, 24.1657 looks on a white background.

Color Contrast Check

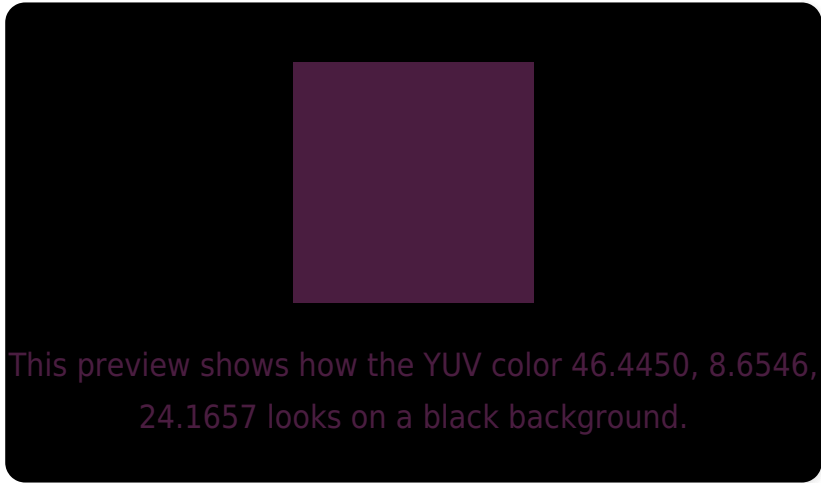
Large Text (above 18pt) WCAG AA ✓ Pass

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

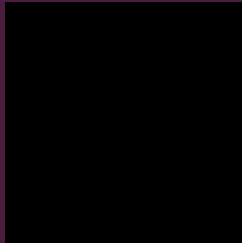
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.4450, 8.6546, 24.1657

Background



This preview shows how black text looks on a background with the YUV color 46.4450, 8.6546, 24.1657.



This preview shows how white text looks on a background with the YUV color 46.4450, 8.6546, 24.1657.

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

46.4450, 8.6546, 24.1657

Protanopia

46.0600, 15.7464, -10.5766

Deuteranopia

46.8130, 6.9942, -3.3440



Tritanopia

46.6930, -4.2856, 21.3172

Trichromacy



Original Color

46.4450, 8.6546, 24.1657

Protanomaly

46.4530, 13.0877, 2.2337

Deuteranomaly

46.6940, 7.5459, 6.4074

Tritanomaly

46.2570, 0.3663, 22.5766

Monochromacy



Original Color

46.4450, 8.6546, 24.1657

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.2660, 3.3199, 8.5367

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.4450, 8.6546, 24.1657 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(74, 29, 64)` looks like.

```
.text, #text, p{  
    color:rgb(74, 29, 64)  
}
```

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(74, 29, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 29, 64) }
```

Border

The CSS property to change the border of an element to YUV 46.4450, 8.6546, 24.1657 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(74, 29, 64) }
```


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

```
.border{ border-color:rgb(74, 29, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 29, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 29, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 29, 64);  
box-shadow:4px 4px 4px 4px rgb(74, 29, 64)  
}
```

Background

The CSS property to change the background color of an element to YUV 46.4450, 8.6546, 24.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 29, 64) }
```

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

```
.background{ background-color: rgb(74, 29,  
64) }
```

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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