

Converting Colors

YUV(65.2300, 4.8166, 41.8943)

Have a look what the booklet for
YUV(65.2300, 4.8166, 41.8943)
contains.

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Color

**YUV(65.2300, 4.8166,
41.8943)**

Conversions

Conversions Part 1

Format	Color
Hex	71274B
RGB	113, 39, 75
RGB Percent	44%, 15%, 29%
CMY	0.5569, 0.8471, 0.7059
CMYK	0.00, 0.65, 0.34, 0.56
HSL	331°, 49%, 30%
HSV	331°, 65%, 44%
XYZ	8.8056, 5.4697, 7.2483
YIQ	65.2300, 32.5480, 26.8840

Conversions

Conversions Part 2

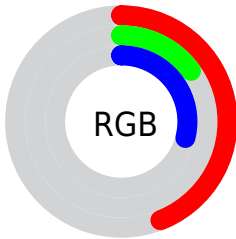
Format	Color
R_{YB}	113, 39, 75
Decimal	7415627
CIE _{Lab}	28.03, 36.45, -5.14
CIE _{LCh}	28, 36.806, 351.977
Yxy	5.4697, 0.4091, 0.2541
Android (android.graphics.Color)	4285605707 (0xFF71274B)
YUV	65.2300, 4.8166, 41.8943
Hunter-Lab	23.3875, 26.2785, -2.0040

Details

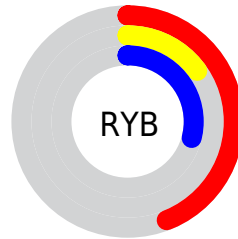
The YUV color **65.2300, 4.8166, 41.8943** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **86.7700, -4.8166, -41.8943**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.3120, 3.7902, 44.4534**, and **21.7730, 4.5489, 34.4021** is the 20% darker color. If you saturate the color by 10%, you get **58.0890, 5.3791, 48.1569**, and if you desaturate by 10%, it is **72.3710, 4.2541, 35.6316**.

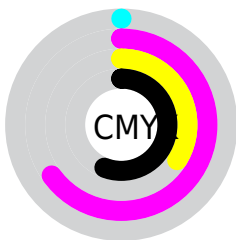
Distribution



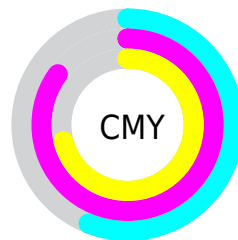
- Red (44%)
- Green (15%)
- Blue (29%)



- Red (44%)
- Yellow (15%)
- Blue (29%)



- Cyan (0%)
- Magenta (65%)
- Yellow (34%)
- Black (56%)




- Cyan (56%)
- Magenta (85%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.2300, 4.8166, 41.8943 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 65.2300, 4.8166, 41.8943 by changing the saturation by 10% instead.


 65.2300, 4.8166,
41.8943

 65.2300, 4.8166,
41.8943


255.0000, 0.0000,
0.0000

 38.9850, 6.4164,
42.1092

 116.3120, 3.7902,
44.4534


 21.7730, 4.5489,
34.4021


 142.6220, 3.6374,
46.8125

 12.6440, -3.2755,
23.9912

 169.8070, 3.0531,
47.5273

 0.0000, 0.0000,
0.0000

 197.8180, 3.0477,
49.2716

 217.1580, 7.3171,
33.1874

 236.8030, 8.9711,

15.9588

253.8260, 0.5788,
1.0296

■ 65.2300, 4.8166,
41.8943

■ 65.2300, 4.8166,
41.8943

■ 58.0890, 5.3791,
48.1569

■ 72.3710, 4.2541,
35.6316

■ 50.3610, 6.2310,
54.9344

■ 80.0990, 3.4022,
28.8542

■ 43.3340, 7.2303,
61.0971

■ 87.1260, 2.4029,
22.6915

■ 40.0570, 7.3669,
63.9710

■ 94.2670, 1.8404,
16.4288

■ 101.9950, 0.9885,
9.6514

■ 109.1360, 0.4260,
3.3887

■ 116.2770, -0.1366,
-2.8739

■ 123.3040, -1.1359,
-9.0366

■ 131.0320, -1.9878,
-15.8141

Harmonies

Analogous

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



68.0840, 16.2276, 21.8513



65.2300, 4.8166, 41.8943



63.8210, -8.2928, 46.6380

Triad

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



65.2300, 4.8166, 41.8943



60.1870, -27.2072, -0.1640



57.7390, 25.7647, -50.6371

Complementary

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



65.2300, 4.8166, 41.8943



86.7700, -4.8166, -41.8943

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.



56.2910, 15.1395, -49.3672



65.2300, 4.8166, 41.8943



54.4960, -12.5695, -28.4990

Square

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



65.2300, 4.8166, 41.8943



62.7490, -29.4563, 21.2681



52.8710, 2.0356, -46.3679



56.1720, 32.4532, -49.2628

Rectangle

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



65.2300, 4.8166, 41.8943



64.0840, -17.2964, 41.1453



52.8710, 2.0356, -46.3679



57.5280, 22.4177, -50.4521

Sweetspot

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



65.2300, 4.8166, 41.8943



128.6800, 2.1298, 16.9436



58.4990, 26.8690, 15.3484



62.4080, 1.2779, 10.1662



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



65.2300, 4.8166, 41.8943



72.4810, 7.6509, 66.2302



61.1260, -10.9081, 45.4935



52.1360, 0.4260, 3.3887



42.4920, 7.6454, 67.9745



87.5330, 16.0062, 139.8526

Inverse Universe

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



65.2300, 4.8166, 41.8943



72.4810, 7.6509, 66.2302



90.8740, 10.9081, -45.4935



52.1360, 0.4260, 3.3887



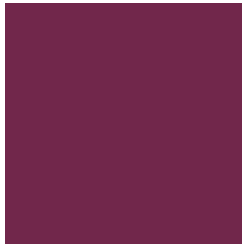
42.4920, 7.6454, 67.9745



87.5330, 16.0062, 139.8526

Previews

White Background



This preview shows how the YUV color 65.2300, 4.8166, 41.8943 looks on a white background.

Color Contrast Check

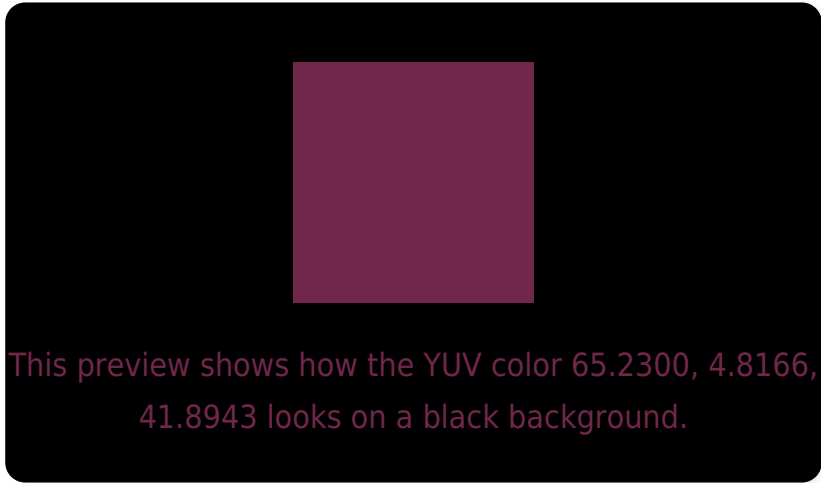
Large Text (above 18pt) WCAG AA ✓ Pass

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

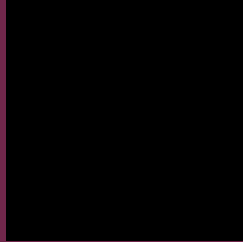
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 65.2300, 4.8166, 41.8943

Background



This preview shows how black text looks on a background with the YUV color 65.2300, 4.8166, 41.8943.



This preview shows how white text looks on a background with the YUV color 65.2300, 4.8166, 41.8943.

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

65.2300, 4.8166, 41.8943

Protanopia

66.9850, 12.8254, -7.0028

Deuteranopia

67.7770, 1.5889, 3.7036



Tritanopia

65.0760, -8.4185, 40.2753

Trichromacy



Original Color

65.2300, 4.8166, 41.8943

Protanomaly

66.2970, 9.7136, 11.1405

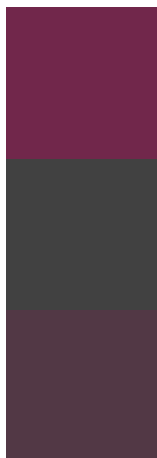
Deuteranomaly

67.0930, 2.4192, 17.4584

Tritanomaly

65.3410, -3.6191, 40.9199

Monochromacy



Original Color

65.2300, 4.8166, 41.8943

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

65.2560, 1.8458, 14.6845

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.2300, 4.8166, 41.8943 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(113, 39, 75)` looks like.

```
.text, #text, p{  
    color:rgb(113, 39, 75)  
}
```

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(113, 39, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 39, 75) }
```

Border

The CSS property to change the border of an element to YUV 65.2300, 4.8166, 41.8943 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(113, 39, 75) }
```


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

```
.border{ border-color:rgb(113, 39, 75) }
```

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

Here you see how a box with a 4 pixel rgb(113, 39, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 39, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 39, 75);  
box-shadow:4px 4px 4px 4px rgb(113, 39,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 65.2300, 4.8166, 41.8943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 39, 75) }
```

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

```
.background{ background-color: rgb(113, 39,  
75) }
```

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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