

Converting Colors

YUV(96.4500, 48.5851, 96.9523)

Have a look what the booklet for
YUV(96.4500, 48.5851, 96.9523)
contains.

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Color

**YUV(96.4500, 48.5851,
96.9523)**

Conversions

Conversions Part 1

Format	Color
Hex	CF15C3
RGB	207, 21, 195
RGB Percent	81%, 8%, 76%
CMY	0.1882, 0.9176, 0.2353
CMYK	0.00, 0.90, 0.06, 0.19
HSL	304°, 82%, 45%
HSV	304°, 90%, 81%
XYZ	35.8506, 17.7419, 53.1647
YIQ	96.4500, 55.0020, 93.5460

Conversions

Conversions Part 2

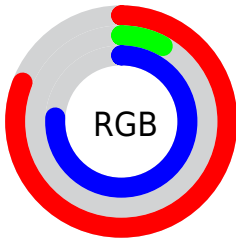
Format	Color
R_{YB}	207, 21, 195
Decimal	13571523
CIE _{Lab}	49.18, 80.31, -45.11
CIE _{LCh}	49, 92.109, 330.678
Yxy	17.7419, 0.3358, 0.1662
Android (android.graphics.Color)	4291761603 (0xFFCF15C3)
YUV	96.4500, 48.5851, 96.9523
Hunter-Lab	42.1211, 78.2152, -45.3504

Details

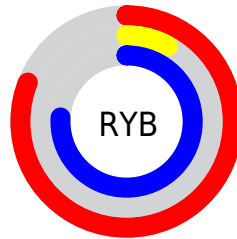
The YUV color **96.4500, 48.5851, 96.9523** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **131.5500, -48.5851, -96.9523**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.4990, 44.1240, 81.1234**, and **60.3260, 39.7723, 76.8901** is the 20% darker color. If you saturate the color by 10%, you get **84.0090, 54.2256, 107.8631**, and if you desaturate by 10%, it is **108.8910, 42.9447, 86.0416**.

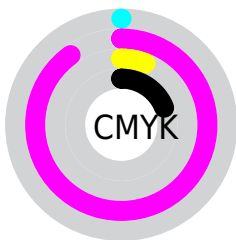
Distribution



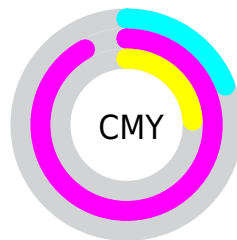
- Red (81%)
- Green (8%)
- Blue (76%)



- Red (81%)
- Yellow (8%)
- Blue (76%)



- Cyan (0%)
- Magenta (90%)
- Yellow (6%)
- Black (19%)





- Cyan (19%)
- Magenta (92%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 96.4500, 48.5851, 96.9523 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 96.4500, 48.5851, 96.9523 by changing the saturation by 10% instead.


 96.4500, 48.5851,
96.9523


 96.4500, 48.5851,
96.9523

255.0000, 0.0000,
0.0000


 71.9610, 46.8542,
92.1192


 162.4990, 44.1240,
81.1234


 60.3260, 39.7723,
76.8901


 181.0380, 36.4633,
64.8647


 48.5770, 32.2535,
61.7610


 198.0610, 28.0709,
49.9355

 37.0560, 25.6084,
46.4319

 215.6710, 19.3892,
34.4915

 26.5460, 18.9578,
32.8472

 233.2810, 10.7075,
19.0476

 14.9540, 13.3337,
16.7033

 251.4780, 1.7363,

 2.8670, 8.4466,

3.0888

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 96.4500, 48.5851,
96.9523

■ 96.4500, 48.5851,
96.9523

■ 84.0090, 54.2256,
107.8631

■ 108.8910, 42.9447,
86.0416

■ 120.8590, 38.0305,
75.5457

■ 133.3000, 32.3901,
64.6349

■ 145.7410, 26.7497,
53.7241

■ 158.2960, 21.5461,
42.7134

■ 170.1500, 16.1951,
32.3175

■ 182.5910, 10.5546,
21.4067

■ 195.1460, 5.3510,
10.3960

■ 207.0000, 0.0000,
0.0000

Harmonies

Analogous

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



113.1370, 69.4455, -14.1521



96.4500, 48.5851, 96.9523



86.8210, 15.8642, 138.7230

Triad

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



96.4500, 48.5851, 96.9523



109.6640, -54.0644, 27.4817



109.2200, 42.7825, -95.7859

Complementary

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



96.4500, 48.5851, 96.9523



131.5500, -48.5851, -96.9523

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.



99.6270, 8.5649, -87.3729



96.4500, 48.5851, 96.9523



95.7010, -47.1806, -33.9408

Square

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



96.4500, 48.5851, 96.9523



106.1730, -52.3433, 82.2863



87.0190, -29.5894, -76.3157



113.0110, 70.0006, -99.1106

Rectangle

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



96.4500, 48.5851, 96.9523



81.0070, -6.4125, 143.8219



87.0190, -29.5894, -76.3157



106.3700, 31.8626, -93.2865

Sweetspot

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



96.4500, 48.5851, 96.9523



214.0410, 18.2208, 35.9210



44.8950, 79.9178, -13.0629



103.5910, 10.5546, 21.4067



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



96.4500, 48.5851, 96.9523



103.4910, 66.8059, 132.8734



86.1900, 9.2733, 105.9504



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Inverse Universe

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



96.4500, 48.5851, 96.9523



103.4910, 66.8059, 132.8734



141.8100, -9.2733, -105.9504



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 96.4500, 48.5851, 96.9523 looks on a white background.

Color Contrast Check

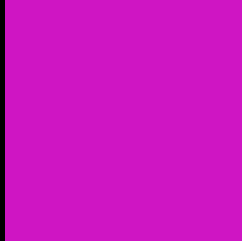
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.4500, 48.5851, 96.9523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

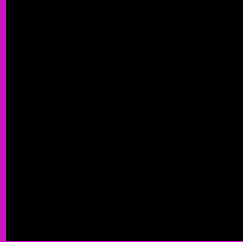
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 96.4500, 48.5851, 96.9523

Background



This preview shows how black text looks on a background with the YUV color 96.4500, 48.5851, 96.9523.



This preview shows how white text looks on a background with the YUV color 96.4500, 48.5851,

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

96.4500, 48.5851, 96.9523

Protanopia

94.3920, 72.2777, -82.7818

Deuteranopia

115.2440, 33.4037, -27.4010



Tritanopia

113.8520, -15.2100, 72.0438

Trichromacy



Original Color

96.4500, 48.5851, 96.9523



Protanomaly

94.9210, 63.6359, -17.4707



Deuteranomaly

108.6100, 38.6463, 17.8820



Tritanomaly

107.3950, 8.1863, 81.2146

Monochromacy



Original Color

96.4500, 48.5851, 96.9523



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

96.2150, 17.6420, 34.8914

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.4500, 48.5851, 96.9523 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(207, 21, 195)` looks like.

```
.text, #text, p{  
    color:rgb(207, 21, 195)  
}
```

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(207, 21, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 21, 195) }
```

Border

The CSS property to change the border of an element to YUV 96.4500, 48.5851, 96.9523 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(207, 21, 195) }
```


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

```
.border{ border-color:rgb(207, 21, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 21, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 21, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 21, 195);  
box-shadow:4px 4px 4px 4px rgb(207, 21,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 96.4500, 48.5851, 96.9523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 21, 195) }
```

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

```
.background{ background-color: rgb(207, 21,  
195) }
```

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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