

Converting Colors

YUV(88.4400, 50.5621,
116.2551)

Have a look what the booklet for
YUV(88.4400, 50.5621, 116.2551)
contains.

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Color

**YUV(88.4400, 50.5621,
116.2551)**

Conversions

Conversions Part 1

Format	Color
Hex	DD01BF
RGB	221, 1, 191
RGB Percent	87%, 0%, 75%
CMY	0.1333, 0.9961, 0.2510
CMYK	0.00, 1.00, 0.14, 0.13
HSL	308°, 99%, 44%
HSV	308°, 100%, 87%
XYZ	39.2336, 19.1554, 50.9197
YIQ	88.4400, 70.1300, 105.7300

Conversions

Conversions Part 2

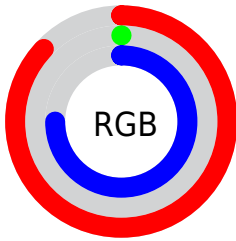
Format	Color
R_{YB}	221, 1, 191
Decimal	14483903
CIE _{Lab}	50.87, 84.06, -39.95
CIE _{LCh}	51, 93.070, 334.580
Yxy	19.1554, 0.3589, 0.1752
Android (android.graphics.Color)	4292673983 (0xFFDD01BF)
YUV	88.4400, 50.5621, 116.2551
Hunter-Lab	43.7669, 83.4191, -38.3429

Details

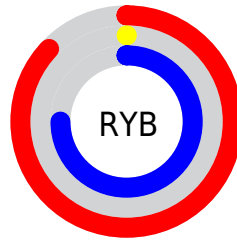
The YUV color **88.4400, 50.5621, 116.2551** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed rose. A complement of this color would be **133.5600, -50.5621, -116.2551**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8690, 42.9556, 82.5529**, and **63.7570, 36.1088, 85.2821** is the 20% darker color. If you saturate the color by 10%, you get **87.8530, 50.8515, 116.7699**, and if you desaturate by 10%, it is **101.6960, 45.5059, 104.6296**.

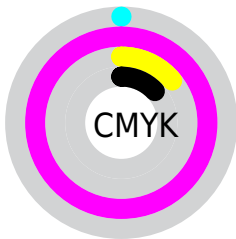
Distribution



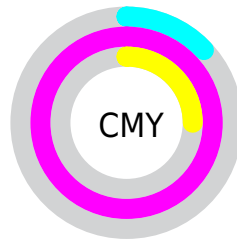
- Red (87%)
- Green (0%)
- Blue (75%)



- Red (87%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (13%)





- Cyan (13%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.4400, 50.5621, 116.2551 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 88.4400, 50.5621, 116.2551 by changing the saturation by 10% instead.


 88.4400, 50.5621,
116.2551


 88.4400, 50.5621,
116.2551


255.0000, 0.0000,
0.0000


 75.8050, 43.4801,
101.0260


 160.8690, 42.9556,
82.5529


 63.7570, 36.1088,
85.2821


 179.8640, 37.0420,
65.8943


 51.8230, 29.1743,
69.4382


 198.0610, 28.0709,
49.9355

 40.3020, 22.5291,
54.1091

 215.6710, 19.3892,
34.4915

 29.4930, 16.0260,
39.9096

 233.2810, 10.7075,
19.0476

 17.9010, 10.4018,
23.7658

 251.4780, 1.7363,

 1.8240, 6.9888,

3.0888

-1.5996

■ 0.0000, 0.0000,
0.0000

■ 88.4400, 50.5621,
116.2551

■ 88.4400, 50.5621,
116.2551

■ 87.8530, 50.8515,
116.7699

■ 101.6960, 45.5059,
104.6296

■ 114.9520, 40.4497,
93.0041

■ 128.2080, 35.3935,
81.3786

■ 141.4640, 30.3372,
69.7531

■ 155.3070, 24.9916,
57.6128

■ 168.5630, 19.9354,
45.9872

■ 181.8190, 14.8792,
34.3617

■ 195.0750, 9.8230,
22.7362

■ 208.3310, 4.7668,
11.1107

Harmonies

Analogous

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



120.3350, 65.8968, 4.0912



88.4400, 50.5621, 116.2551



88.5290, 12.0642, 144.2411

Triad

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



88.4400, 50.5621, 116.2551



112.5770, -55.5005, 21.4190



113.8650, 47.8876, -99.8596

Complementary

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



88.4400, 50.5621, 116.2551



133.5600, -50.5621, -116.2551

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.



104.2720, 13.6699, -91.4465



88.4400, 50.5621, 116.2551



94.7380, -46.7058, -46.2512

Square

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



88.4400, 50.5621, 116.2551



112.0430, -55.2372, 77.1383



92.5930, -23.4633, -81.2041



115.3590, 68.8430, -101.1698

Rectangle

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



88.4400, 50.5621, 116.2551



81.8180, -9.7703, 147.4956



92.5930, -23.4633, -81.2041



111.0150, 36.9676, -97.3602

Sweetspot

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



88.4400, 50.5621, 116.2551



209.2480, 17.6257, 40.1245



34.7510, 91.8208, -4.1666



100.2000, 10.2544, 24.3806



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.



88.4400, 50.5621, 116.2551



101.3250, 58.5068, 134.7730



76.0140, 2.9511, 127.1527



103.3150, 2.3097, 5.8627



68.8270, 40.0183, 91.3597



18.3140, 10.6912, 24.2806

Inverse Universe

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



88.4400, 50.5621, 116.2551



101.3250, 58.5068, 134.7730



145.9860, -2.9511, -127.1527



103.3150, 2.3097, 5.8627



68.8270, 40.0183, 91.3597



18.3140, 10.6912, 24.2806

Previews

White Background



This preview shows how the YUV color 88.4400, 50.5621, 116.2551 looks on a white background.

Color Contrast Check

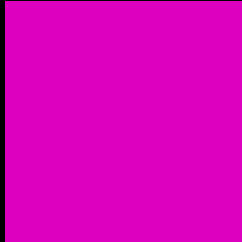
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 88.4400, 50.5621, 116.2551 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 88.4400, 50.5621, 116.2551

Background



This preview shows how black text looks on a background with the YUV color 88.4400, 50.5621, 116.2551.



This preview shows how white text looks on a background with the YUV color 88.4400, 50.5621,

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

88.4400, 50.5621, 116.2551

Protanopia

97.8800, 75.4882, -85.8408

Deuteranopia

121.6210, 28.2878, -19.8386



Tritanopia

116.2340, -17.8634, 83.1098

Trichromacy



Original Color

88.4400, 50.5621, 116.2551



Protanomaly

94.0510, 66.5299, -12.3227



Deuteranomaly

109.4050, 36.2823, 29.4628



Tritanomaly

106.1410, 6.8325, 95.4693

Monochromacy



Original Color

88.4400, 50.5621, 116.2551



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.7860, 18.3465, 42.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4400, 50.5621, 116.2551 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(221, 1, 191)` looks like.

```
.text, #text, p{  
    color:rgb(221, 1, 191)  
}
```

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(221, 1, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 1, 191) }
```

Border

The CSS property to change the border of an element to YUV 88.4400, 50.5621, 116.2551 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(221, 1, 191) }
```


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

```
.border{ border-color:rgb(221, 1, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 1, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 1, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 1, 191);  
box-shadow:4px 4px 4px 4px rgb(221, 1,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 88.4400, 50.5621, 116.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 1, 191) }
```

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

```
.background{ background-color: rgb(221, 1,  
191) }
```

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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