

Converting Colors

YUV(87.3130, 56.5407,
111.9815)

Have a look what the booklet for
YUV(87.3130, 56.5407, 111.9815)
contains.

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Color

**YUV(87.3130, 56.5407,
111.9815)**

Conversions

Conversions Part 1

Format	Color
Hex	D700CA
RGB	215, 0, 202
RGB Percent	84%, 0%, 79%
CMY	0.1569, 1.0000, 0.2078
CMYK	0.00, 1.00, 0.06, 0.16
HSL	304°, 100%, 42%
HSV	304°, 100%, 84%
XYZ	38.6850, 18.7113, 57.4498
YIQ	87.3130, 63.2980, 108.4020

Conversions

Conversions Part 2

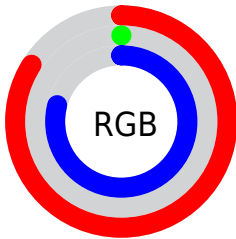
Format	Color
R_{YB}	215, 0, 202
Decimal	14090442
CIE _{Lab}	50.35, 84.56, -47.22
CIE _{LCh}	50, 96.851, 330.821
Yxy	18.7113, 0.3368, 0.1629
Android (android.graphics.Color)	4292280522 (0xFFD700CA)
YUV	87.3130, 56.5407, 111.9815
Hunter-Lab	43.2566, 83.9360, -48.4644

Details

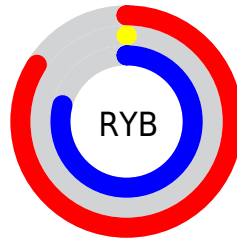
The YUV color **87.3130, 56.5407, 111.9815** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **127.6870, -56.5407, -111.9815**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0800, 46.3026, 82.3678**, and **63.1030, 41.3612, 80.5937** is the 20% darker color. If you saturate the color by 10%, you get **87.3130, 56.5407, 111.9815**, and if you desaturate by 10%, it is **99.7540, 50.9003, 101.0707**.

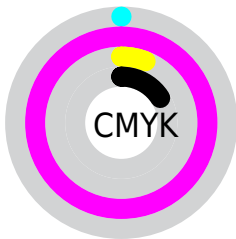
Distribution



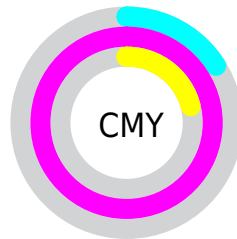
- Red (84%)
- Green (0%)
- Blue (79%)



- Red (84%)
- Yellow (0%)
- Blue (79%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.3130, 56.5407, 111.9815 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 87.3130, 56.5407, 111.9815 by changing the saturation by 10% instead.


 87.3130, 56.5407,
111.9815


 87.3130, 56.5407,
111.9815


255.0000, 0.0000,
0.0000

 75.1510, 48.7326,
96.3376


 161.0800, 46.3026,
82.3678


 63.1030, 41.3612,
80.5937


 179.2770, 37.3314,
66.4091


 51.4680, 34.2793,
65.3646


 197.4740, 28.3603,
50.4503

 39.8330, 27.1973,
50.1355

 215.0840, 19.6786,
35.0063

 29.0240, 20.6942,
35.9360

 232.6940, 10.9969,
19.5624

 17.3180, 14.6332,
19.8921

 250.8910, 2.0257,

 3.4370, 10.6306,

3.6036

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 87.3130, 56.5407,
111.9815

■ 99.7540, 50.9003,
101.0707

■ 112.8960, 45.4073,
89.5452

■ 125.9240, 39.4775,
78.1197

■ 138.3650, 33.8371,
67.2089

■ 151.5070, 28.3440,
55.6834

■ 163.9480, 22.7036,
44.7726

■ 176.9760, 16.7738,
33.3470

■ 189.4170, 11.1334,
22.4363

■ 202.5590, 5.6404,
10.9108

Harmonies

Analogous

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



114.4250, 69.3035, -15.2817



87.3130, 56.5407, 111.9815



90.1530, 15.7006, 144.5708

Triad

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



87.3130, 56.5407, 111.9815



112.3220, -55.3747, 27.7816



112.3660, 44.6826, -98.5450

Complementary

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



87.3130, 56.5407, 111.9815



127.6870, -56.5407, -111.9815

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.



102.3170, 8.7177, -89.7320



87.3130, 56.5407, 111.9815



97.1520, -47.8959, -37.8443

Square

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



87.3130, 56.5407, 111.9815



108.2660, -53.3751, 86.5897



89.0250, -32.0573, -78.0749



115.9460, 68.5536, -101.6846

Rectangle

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



87.3130, 56.5407, 111.9815



83.6980, -7.7391, 149.3549



89.0250, -32.0573, -78.0749



109.4020, 33.3258, -95.9456

Sweetspot

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



87.3130, 56.5407, 111.9815



209.8180, 19.8097, 39.6246



27.7990, 92.2901, -14.7327



100.6560, 12.0016, 23.9807



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.



87.3130, 56.5407, 111.9815



103.6050, 67.2427, 132.7734



75.3430, 10.6769, 122.4792



100.4290, 2.7465, 5.7628



69.4830, 45.1179, 89.0304



17.5310, 11.5702, 22.3363

Inverse Universe

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



87.3130, 56.5407, 111.9815



103.6050, 67.2427, 132.7734



139.6570, -10.6769, -122.4792



100.4290, 2.7465, 5.7628



69.4830, 45.1179, 89.0304



17.5310, 11.5702, 22.3363

Previews

White Background



This preview shows how the YUV color 87.3130, 56.5407, 111.9815 looks on a white background.

Color Contrast Check

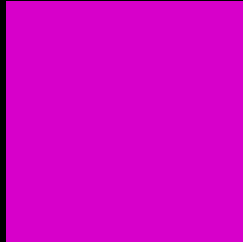
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.3130, 56.5407, 111.9815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

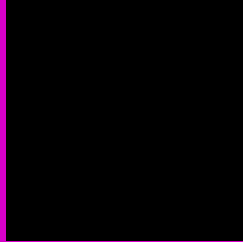
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 87.3130, 56.5407, 111.9815

Background



This preview shows how black text looks on a background with the YUV color 87.3130, 56.5407, 111.9815.



This preview shows how white text looks on a background with the YUV color 87.3130, 56.5407,

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

96.9510, 74.4672, -85.0260

Deuteranopia

118.1020, 35.4457, -29.0305

Tritanopia

116.6460, -16.0945, 75.7325

Trichromacy



Protanomaly

93.0940, 67.9877, -13.2374

Deuteranomaly

106.7830, 42.9980, 22.1153

Tritanomaly

105.7210, 10.4905, 88.8217

Monochromacy



Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

87.0570, 20.6779, 41.1690

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3130, 56.5407, 111.9815 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(215, 0, 202)` looks like.

```
.text, #text, p{  
    color:rgb(215, 0, 202)  
}
```

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(215, 0, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 0, 202) }
```

Border

The CSS property to change the border of an element to YUV 87.3130, 56.5407, 111.9815 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(215, 0, 202) }
```

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

```
.border{ border-color:rgb(215, 0, 202) }
```

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

Here you see how a box with a 4 pixel rgb(215, 0, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 0, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 0, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 0,  
202) }
```


Background

The CSS property to change the background color of an element to YUV 87.3130, 56.5407, 111.9815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 0, 202) }
```

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

```
.background{ background-color: rgb(215, 0,  
202) }
```

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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