

# Converting Colors

YUV(112.9120, 44.4134,  
81.6382)

Have a look what the booklet for  
YUV(112.9120, 44.4134, 81.6382)  
contains.

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# Color

**YUV(112.9120, 44.4134,  
81.6382)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE30CB
RGB	206, 48, 203
RGB Percent	81%, 19%, 80%
CMY	0.1922, 0.8118, 0.2039
CMYK	0.00, 0.77, 0.01, 0.19
HSL	301°, 62%, 50%
HSV	301°, 77%, 81%
XYZ	37.2900, 19.5475, 58.3076
YIQ	112.9120, 44.4130, 81.7010

# Conversions

## Conversions Part 2

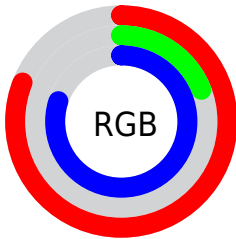
Format	Color
R <sub>YB</sub>	206, 48, 203
Decimal	13512907
CIE <sub>Lab</sub>	51.32, 75.85, -46.34
CIE <sub>LCh</sub>	51, 88.889, 328.579
Yxy	19.5475, 0.3239, 0.1698
Android (android.graphics.Color)	4291702987 (0xFFCE30CB)
YUV	112.9120, 44.4134, 81.6382
Hunter-Lab	44.2126, 73.1796, -47.2429

# Details

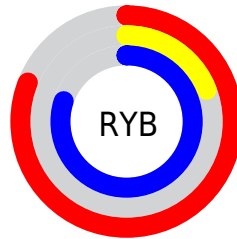
The YUV color **112.9120, 44.4134, 81.6382** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **141.0880, -44.4134, -81.6382**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0590, 41.3829, 73.6163**, and **60.8250, 42.9773, 75.5755** is the 20% darker color. If you saturate the color by 10%, you get **100.5850, 50.4906, 92.4490**, and if you desaturate by 10%, it is **125.2390, 38.3362, 70.8274**.

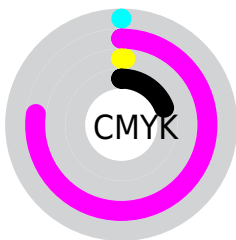
# Distribution



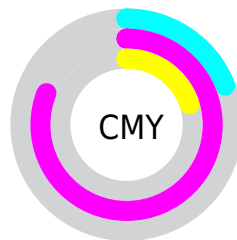
- Red (81%)
- Green (19%)
- Blue (80%)



- Red (81%)
- Yellow (19%)
- Blue (80%)



- Cyan (0%)
- Magenta (77%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (81%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 112.9120, 44.4134, 81.6382 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 112.9120, 44.4134, 81.6382 by changing the saturation by 10% instead.



112.9120, 44.4134,  
81.6382

112.9120, 44.4134,  
81.6382

255.0000, 0.0000,  
0.0000

72.5740, 50.4960,  
90.7046

171.0590, 41.3829,  
73.6163

60.8250, 42.9773,  
75.5755

188.0820, 32.9906,  
58.6871

49.4890, 35.7479,  
60.9611

205.6920, 24.3088,  
43.2431

37.8540, 28.6660,  
45.7320

222.7150, 15.9165,  
28.3139

27.3440, 22.0154,  
32.1473

240.3250, 7.2348,  
12.8700

15.9370, 15.8071,  
16.7183

3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,  
0.0000

■ 112.9120, 44.4134,  
81.6382

■ 112.9120, 44.4134,  
81.6382

■ 100.5850, 50.4906,  
92.4490

■ 125.2390, 38.3362,  
70.8274

■ 88.7310, 55.8416,  
102.8449

■ 137.0930, 32.9852,  
60.4314

■ 84.6220, 57.8674,  
106.4485

■ 149.4200, 26.9079,  
49.6207

■ 161.2740, 21.5569,  
39.2247

■ 173.6010, 15.4797,  
28.4139

185.9280, 9.4025,  
17.6031

197.7820, 4.0515,  
7.2072

210.1090, -2.0257,  
-3.6036

221.9630, -7.3768,  
-13.9996

# Harmonies

## Analogous

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



117.3380, 67.8674, -21.3444



112.9120, 44.4134, 81.6382



88.5590, 19.9374, 138.9528

# Triad

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



112.9120, 44.4134, 81.6382



114.7140, -56.5540, 32.6998



111.9270, 40.4620, -98.1600

# Complementary

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



112.9120, 44.4134, 81.6382



141.0880, -44.4134, -81.6382

# 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.



102.4480, 6.6811, -89.8469



112.9120, 44.4134, 81.6382



103.4310, -50.9915, -24.9340

# Square

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



112.9120, 44.4134, 81.6382



110.9130, -54.6801, 85.1453



90.2960, -29.7259, -79.1896



116.3050, 67.3906, -101.9995



# Rectangle

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



112.9120, 44.4134, 81.6382



83.5710, -1.7605, 145.0812



90.2960, -29.7259, -79.1896



109.0770, 29.5420, -95.6605

# Sweetspot

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



112.9120, 44.4134, 81.6382



220.2530, 16.6373, 30.4731



66.9090, 68.5719, -13.9522



106.7540, 9.9813, 18.6327



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.



112.9120, 44.4134, 81.6382



116.5990, 66.2597, 121.3777



103.9060, 9.9063, 89.5364



96.1300, 2.8939, 5.1480



68.2160, 46.7285, 85.7566



15.6940, 10.9969, 19.5624



# Inverse Universe

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



112.9120, 44.4134, 81.6382



116.5990, 66.2597, 121.3777



150.0940, -9.9063, -89.5364



96.1300, 2.8939, 5.1480



68.2160, 46.7285, 85.7566



15.6940, 10.9969, 19.5624



# Previews

## White Background



This preview shows how the YUV color 112.9120, 44.4134, 81.6382 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

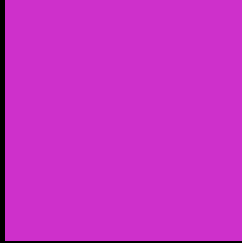
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 112.9120, 44.4134, 81.6382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

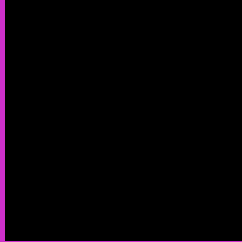
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 112.9120, 44.4134, 81.6382

## Background



This preview shows how black text looks on a background with the YUV color 112.9120, 44.4134, 81.6382.



This preview shows how white text looks on a background with the YUV color 112.9120, 44.4134, 81.6382.



# 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

112.9120, 44.4134, 81.6382

### Protanopia

97.9940, 75.9250, -85.9407

### Deuteranopia

119.8030, 35.5931, -29.6452



## Tritanopia

121.0790, -12.8569, 63.9517

# Trichromacy



## Original Color

112.9120, 44.4134, 81.6382



## Protanomaly

103.6920, 64.2418, -25.1629



## Deuteranomaly

117.5660, 38.6680, 10.9046



## Tritanomaly

117.9160, 7.9294, 70.2337

# Monochromacy



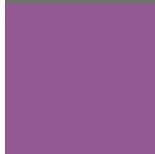
## Original Color

112.9120, 44.4134, 81.6382



## Achromatopsia

113.0000, 0.0000, 0.0000



## Achromatomaly

112.8400, 16.3479, 29.9583

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.9120, 44.4134, 81.6382 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(206, 48, 203)` looks like.

```
.text, #text, p{  
    color:rgb(206, 48, 203)  
}
```

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(206, 48, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 48, 203) }
```

## Border

The CSS property to change the border of an element to YUV 112.9120, 44.4134, 81.6382 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(206, 48, 203) }
```



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

```
.border{ border-color:rgb(206, 48, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 48, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 48, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 48, 203);  
box-shadow:4px 4px 4px 4px rgb(206, 48,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 112.9120, 44.4134, 81.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 48, 203) }
```

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

```
.background{ background-color: rgb(206, 48,  
203) }
```

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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