

Converting Colors

YUV(108.6510, 26.7941,
86.2521)

Have a look what the booklet for
YUV(108.6510, 26.7941, 86.2521)
contains.

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Color

**YUV(108.6510, 26.7941,
86.2521)**

Conversions

Conversions Part 1

Format	Color
Hex	CF30A3
RGB	207, 48, 163
RGB Percent	81%, 19%, 64%
CMY	0.1882, 0.8118, 0.3608
CMYK	0.00, 0.77, 0.21, 0.19
HSL	317°, 62%, 50%
HSV	317°, 77%, 81%
XYZ	33.3999, 18.0236, 36.3689
YIQ	108.6510, 57.8490, 69.4730

Conversions

Conversions Part 2

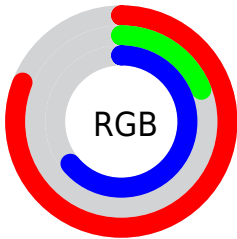
Format	Color
R _Y B	207, 48, 163
Decimal	13578403
CIE Lab	49.52, 70.40, -25.79
CIE LCh	50, 74.978, 339.878
Yxy	18.0236, 0.3804, 0.2053
Android (android.graphics.Color)	4291768483 (0xFFCF30A3)
YUV	108.6510, 26.7941, 86.2521
Hunter-Lab	42.4543, 66.1359, -21.0734

Details

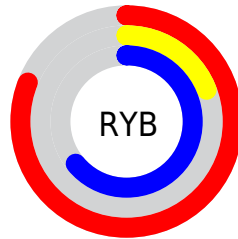
The YUV color **108.6510, 26.7941, 86.2521** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **146.3490, -26.7941, -86.2521**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2540, 25.5108, 77.8302**, and **56.9060, 26.6683, 79.8894** is the 20% darker color. If you saturate the color by 10%, you get **95.6400, 30.2505, 97.6627**, and if you desaturate by 10%, it is **121.6620, 23.3376, 74.8414**.

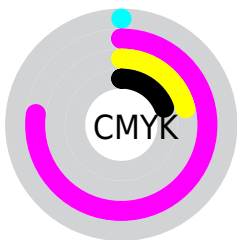
Distribution



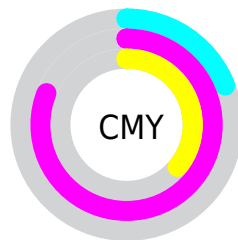
- Red (81%)
- Green (19%)
- Blue (64%)



- Red (81%)
- Yellow (19%)
- Blue (64%)



- Cyan (0%)
- Magenta (77%)
- Yellow (21%)
- Black (19%)





- Cyan (19%)
- Magenta (81%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.6510, 26.7941, 86.2521 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 108.6510, 26.7941, 86.2521 by changing the saturation by 10% instead.


 108.6510, 26.7941,
86.2521


 108.6510, 26.7941,
86.2521


255.0000, 0.0000,
0.0000


 68.5410, 33.7503,
95.1185


 166.2540, 25.5108,
77.8302


 56.9060, 26.6683,
79.8894


 186.5830, 29.7856,
60.0017


 45.6840, 19.8758,
65.1751

 204.5180, 24.8876,
44.2727

 34.3910, 14.1042,
49.6461

 221.5410, 16.4953,
29.3435

 24.4080, 8.1799,
36.4762

 239.1510, 7.8136,
13.8996

 12.8160, 2.5557,
20.3324

 0.0000, 0.0000,

0.0000

■ 108.6510, 26.7941,
86.2521

■ 108.6510, 26.7941,
86.2521

■ 95.6400, 30.2505,
97.6627

■ 121.6620, 23.3376,
74.8414

■ 83.3300, 33.8543,
108.4586

■ 133.9720, 19.7338,
64.0456

■ 78.9930, 35.0065,
112.2621

■ 146.9830, 16.2774,
52.6349

■ 159.9940, 12.8210,
41.2243

■ 173.0050, 9.3645,
29.8136

■ 185.3150, 5.7607,
19.0177

■ 198.3260, 2.3043,
7.6071

■ 211.3370, -1.1521,
-3.8035

■ 223.7610, -4.3192,
-14.6994

Harmonies

Analogous

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



119.7380, 47.9502, 20.4008



108.6510, 26.7941, 86.2521



94.5350, 2.6942, 116.1718

Triad

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



108.6510, 26.7941, 86.2521



108.6900, -53.5842, 13.4269



107.2140, 45.2505, -94.0267

Complementary

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



108.6510, 26.7941, 86.2521



146.3490, -26.7941, -86.2521

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.



100.8470, 18.3164, -88.4428



108.6510, 26.7941, 86.2521



93.2980, -45.9959, -40.6033

Square

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



108.6510, 26.7941, 86.2521



110.4490, -54.4514, 58.3652



91.4480, -10.0809, -80.1999



107.5510, 64.3114, -94.3222

Rectangle

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



108.6510, 26.7941, 86.2521



102.4540, -21.4228, 104.8418



91.4480, -10.0809, -80.1999



105.6350, 36.6619, -92.6419

Sweetspot

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



108.6510, 26.7941, 86.2521



218.5430, 10.0853, 31.9728



78.6840, 63.2598, 9.9241



105.7280, 6.0501, 19.5325



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.



108.6510, 26.7941, 86.2521



109.6450, 39.6150, 127.4763



99.7590, -7.2762, 94.0504



98.2010, 1.8729, 5.9627



64.1400, 28.5250, 91.0852



15.6790, 7.0603, 22.2065

Inverse Universe

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



108.6510, 26.7941, 86.2521



109.6450, 39.6150, 127.4763



155.2410, 7.2762, -94.0504



98.2010, 1.8729, 5.9627



64.1400, 28.5250, 91.0852



15.6790, 7.0603, 22.2065

Previews

White Background



This preview shows how the YUV color 108.6510, 26.7941, 86.2521 looks on a white background.

Color Contrast Check

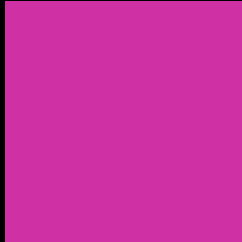
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.6510, 26.7941, 86.2521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

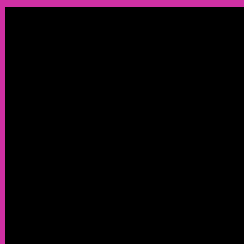
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.6510, 26.7941, 86.2521

Background



This preview shows how black text looks on a background with the YUV color 108.6510, 26.7941, 86.2521.



This preview shows how white text looks on a background with the YUV color 108.6510, 26.7941, 86.2521.

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

108.6510, 26.7941, 86.2521

Protanopia

112.4610, 51.0447, -38.9923

Deuteranopia

118.8370, 17.3354, -6.8730



Tritanopia

113.6460, -16.0945, 75.7325

Trichromacy



Original Color

108.6510, 26.7941, 86.2521

Protanomaly

111.4560, 42.1732, 6.6161

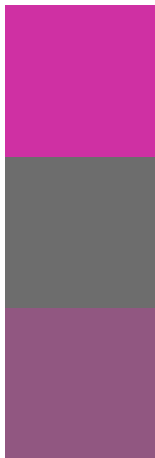
Deuteranomaly

114.9690, 20.7213, 27.2142

Tritanomaly

112.0930, -0.5388, 79.7254

Monochromacy



Original Color

108.6510, 26.7941, 86.2521

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1300, 9.7959, 31.4580

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.6510, 26.7941, 86.2521 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, 48, 163)` looks like.

```
.text, #text, p{  
    color:rgb(207, 48, 163)  
}
```

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, 48, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 48, 163) }
```

Border

The CSS property to change the border of an element to YUV 108.6510, 26.7941, 86.2521 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, 48, 163) }
```


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

```
.border{ border-color:rgb(207, 48, 163) }
```

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

Here you see how a box with a 4 pixel rgb(207, 48, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 48, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 48, 163);  
box-shadow:4px 4px 4px 4px rgb(207, 48,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 108.6510, 26.7941, 86.2521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 48, 163) }
```

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

```
.background{ background-color: rgb(207, 48,  
163) }
```

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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