

Converting Colors

YUV(106.9500, 26.6467,
86.8669)

Have a look what the booklet for
YUV(106.9500, 26.6467, 86.8669)
contains.

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Color

**YUV(106.9500, 26.6467,
86.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	CE2EA1
RGB	206, 46, 161
RGB Percent	81%, 18%, 63%
CMY	0.1922, 0.8196, 0.3686
CMYK	0.00, 0.78, 0.22, 0.19
HSL	317°, 63%, 49%
HSV	317°, 78%, 81%
XYZ	32.8636, 17.6490, 35.3927
YIQ	106.9500, 58.4450, 69.6850

Conversions

Conversions Part 2

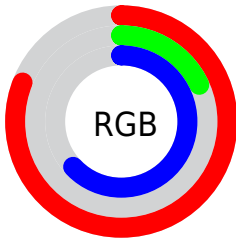
Format	Color
R _Y B	206, 46, 161
Decimal	13512353
CIE Lab	49.07, 70.47, -25.33
CIE LCh	49, 74.887, 340.231
Yxy	17.6490, 0.3826, 0.2054
Android (android.graphics.Color)	4291702433 (0xFFCE2EA1)
YUV	106.9500, 26.6467, 86.8669
Hunter-Lab	42.0107, 66.1159, -20.5424

Details

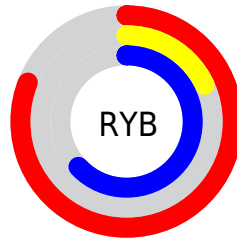
The YUV color **106.9500, 26.6467, 86.8669** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **145.0500, -26.6466, -86.8668**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.8520, 25.2160, 79.0598**, and **56.3790, 25.9422, 79.4746** is the 20% darker color. If you saturate the color by 10%, you get **93.9390, 30.1031, 98.2775**, and if you desaturate by 10%, it is **119.9610, 23.1902, 75.4562**.

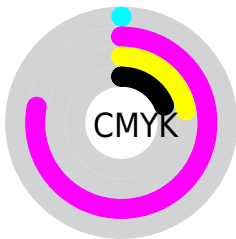
Distribution



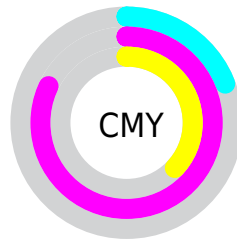
- Red (81%)
- Green (18%)
- Blue (63%)



- Red (81%)
- Yellow (18%)
- Blue (63%)



- Cyan (0%)
- Magenta (78%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.9500, 26.6467, 86.8669 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 106.9500, 26.6467, 86.8669 by changing the saturation by 10% instead.


 106.9500, 26.6467,
86.8669


 106.9500, 26.6467,
86.8669


255.0000, 0.0000,
0.0000


 68.0140, 33.0241,
94.7037


 164.8520, 25.2160,
79.0598


 56.3790, 25.9422,
79.4746

 185.1810, 29.4908,
61.2313

 45.2710, 19.5864,
64.6603

 203.3440, 25.4664,
45.3023

 33.8640, 13.3780,
49.2313

 220.3670, 17.0741,
30.3731

 23.5820, 7.6011,
35.4466

 237.9770, 8.3923,
14.9292

 11.9900, 1.9769,
19.3028

 0.0000, 0.0000,

0.0000

■ 106.9500, 26.6467,
86.8669

■ 106.9500, 26.6467,
86.8669

■ 93.9390, 30.1031,
98.2775

■ 119.9610, 23.1902,
75.4562

■ 81.5150, 33.2701,
109.1733

■ 132.3850, 20.0232,
64.5604

■ 78.4660, 34.2803,
111.8473

■ 145.2820, 16.1300,
53.2497

■ 157.7060, 12.9629,
42.3538

■ 170.7170, 9.5065,
30.9432

■ 183.7280, 6.0501,
19.5325

■ 196.1520, 2.8831,
8.6367

■ 209.0490, -1.0102,
-2.6740

■ 221.4730, -4.1772,
-13.5698

Harmonies

Analogous

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



118.9230, 47.3660, 21.1155



106.9500, 26.6467, 86.8669



92.8340, 2.5468, 116.7866

Triad

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



106.9500, 26.6467, 86.8669



107.5050, -53.0000, 12.7121



105.9260, 45.3925, -92.8971

Complementary

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



106.9500, 26.6467, 86.8669



145.0500, -26.6466, -86.8668

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.



100.1460, 18.1690, -87.8280



106.9500, 26.6467, 86.8669



91.8140, -45.2643, -41.9329

Square

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



106.9500, 26.6467, 86.8669



109.2640, -53.8672, 57.6505



90.8610, -9.7915, -79.6851



106.2630, 64.4533, -93.1927

Rectangle

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



106.9500, 26.6467, 86.8669



101.0410, -21.7122, 104.3270



90.8610, -9.7915, -79.6851



104.3470, 36.8039, -91.5123

Sweetspot

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



106.9500, 26.6467, 86.8669



218.5430, 10.0853, 31.9728



77.0970, 63.5492, 10.4389



105.6140, 5.6133, 19.6325



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.



106.9500, 26.6467, 86.8669



108.2430, 39.3202, 128.7059



98.0580, -7.4236, 94.6651



95.7880, 1.5835, 5.4479



63.2000, 27.5094, 90.1556



14.4400, 6.1921, 20.6621

Inverse Universe

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



106.9500, 26.6467, 86.8669



108.2430, 39.3202, 128.7059



153.9420, 7.4236, -94.6651



95.7880, 1.5835, 5.4479



63.2000, 27.5094, 90.1556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 106.9500, 26.6467, 86.8669 looks on a white background.

Color Contrast Check

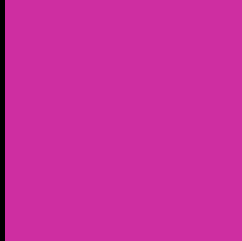
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.9500, 26.6467, 86.8669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

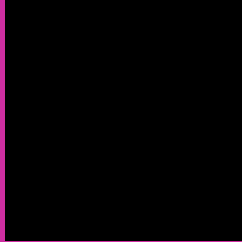
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.9500, 26.6467, 86.8669

Background



This preview shows how black text looks on a background with the YUV color 106.9500, 26.6467, 86.8669.



This preview shows how white text looks on a background with the YUV color 106.9500, 26.6467, 86.8669.

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

106.9500, 26.6467, 86.8669

Protanopia

111.4610, 51.0447, -38.9923

Deuteranopia

117.7230, 16.8986, -6.7731



Tritanopia

111.9450, -16.2419, 76.3472

Trichromacy



Original Color

106.9500, 26.6467, 86.8669



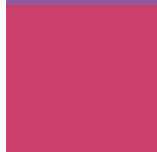
Protanomaly

109.7550, 42.0258, 7.2309



Deuteranomaly

113.8550, 20.2845, 27.3142



Tritanomaly

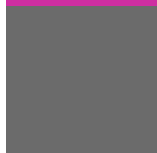
110.3920, -0.6863, 80.3402

Monochromacy



Original Color

106.9500, 26.6467, 86.8669



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.1300, 9.7959, 31.4580

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9500, 26.6467, 86.8669 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, 46, 161)` looks like.

```
.text, #text, p{  
    color:rgb(206, 46, 161)  
}
```

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, 46, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 46, 161) }
```

Border

The CSS property to change the border of an element to YUV 106.9500, 26.6467, 86.8669 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, 46, 161) }
```


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

```
.border{ border-color:rgb(206, 46, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 46, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 46, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 46, 161);  
box-shadow:4px 4px 4px 4px rgb(206, 46,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 106.9500, 26.6467, 86.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 46, 161) }
```

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

```
.background{ background-color: rgb(206, 46,  
161) }
```

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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