

Converting Colors

YUV(115.8510, 26.6955,
71.1677)

Have a look what the booklet for
YUV(115.8510, 26.6955, 71.1677)
contains.

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Color

**YUV(115.8510, 26.6955,
71.1677)**

Conversions

Conversions Part 1

Format	Color
Hex	C540AA
RGB	197, 64, 170
RGB Percent	77%, 25%, 67%
CMY	0.2275, 0.7490, 0.3333
CMYK	0.00, 0.68, 0.14, 0.23
HSL	312°, 53%, 51%
HSV	312°, 68%, 77%
XYZ	32.1151, 18.4394, 39.8967
YIQ	115.8510, 45.2420, 61.1620

Conversions

Conversions Part 2

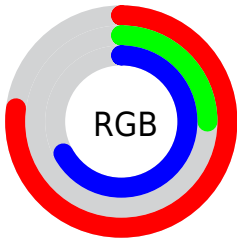
Format	Color
R_{YB}	197, 64, 170
Decimal	12927146
CIE _{Lab}	50.02, 63.66, -29.28
CIE _{LCh}	50, 70.073, 335.301
Yxy	18.4394, 0.3551, 0.2039
Android (android.graphics.Color)	4291117226 (0xFFC540AA)
YUV	115.8510, 26.6955, 71.1677
Hunter-Lab	42.9411, 58.3507, -25.0277

Details

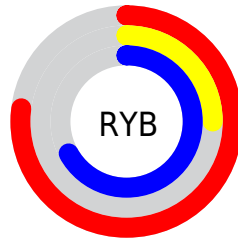
The YUV color **115.8510, 26.6955, 71.1677** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **145.1490, -26.6955, -71.1677**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0360, 26.1113, 71.8824**, and **55.1980, 30.4684, 74.3714** is the 20% darker color. If you saturate the color by 10%, you get **103.6550, 30.7361, 81.8636**, and if you desaturate by 10%, it is **128.0470, 22.6548, 60.4718**.

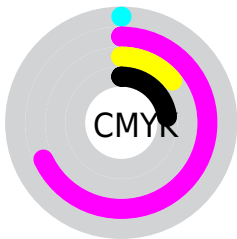
Distribution



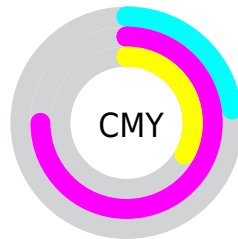
- Red (77%)
- Green (25%)
- Blue (67%)



- Red (77%)
- Yellow (25%)
- Blue (67%)



- Cyan (0%)
- Magenta (68%)
- Yellow (14%)
- Black (23%)





- Cyan (23%)
- Magenta (75%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 115.8510, 26.6955, 71.1677 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 115.8510, 26.6955, 71.1677 by changing the saturation by 10% instead.


 115.8510, 26.6955,
71.1677


 115.8510, 26.6955,
71.1677


255.0000, 0.0000,
0.0000


 84.1440, 29.0160,
73.5417


 173.0360, 26.1113,
71.8824


 55.1980, 30.4684,
74.3714


 193.2510, 29.9493,
54.1539


 43.9760, 23.6758,
59.6570


 209.8010, 22.2831,
39.6395

 32.8680, 17.3201,
44.8428

 226.8240, 13.8908,
24.7104

 23.1840, 11.2483,
32.2876

 244.4340, 5.2090,
9.2664

 11.4070, 6.2083,
15.4291

 0.0000, 0.0000,

0.0000

■ 115.8510, 26.6955,
71.1677

■ 115.8510, 26.6955,
71.1677

■ 103.6550, 30.7361,
81.8636

■ 128.0470, 22.6548,
60.4718

■ 92.0460, 34.4873,
92.0447

■ 139.6560, 18.9036,
50.2907

■ 79.8500, 38.5280,
102.7405

■ 151.8520, 14.8630,
39.5948

■ 76.8010, 39.5381,
105.4145

■ 164.0480, 10.8223,
28.8989

■ 176.2440, 6.7817,
18.2030

■ 187.8530, 3.0305,
8.0219

■ 200.0490, -1.0102,
-2.6740

■ 212.2450, -5.0508,
-13.3699

■ 223.8540, -8.8020,
-23.5510

Harmonies

Analogous

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



121.1340, 47.2619, 7.7755



115.8510, 26.6955, 71.1677



104.8600, 3.0270, 102.7318

Triad

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



115.8510, 26.6955, 71.1677



110.8050, -54.6269, 21.2190



105.8460, 40.0089, -92.8269

Complementary

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



115.8510, 26.6955, 71.1677



145.1490, -26.6955, -71.1677

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.



99.7070, 13.9484, -87.4430



115.8510, 26.6955, 71.1677



99.8870, -49.2443, -25.3339

Square

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



115.8510, 26.6955, 71.1677



111.3570, -54.8990, 61.9539



90.8780, -12.2649, -79.7000



106.9980, 59.6540, -93.8372

Rectangle

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



115.8510, 26.6955, 71.1677



106.8600, -17.1860, 99.2238



90.8780, -12.2649, -79.7000



104.3810, 31.8572, -91.5421

Sweetspot

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



115.8510, 26.6955, 71.1677



223.9230, 10.3910, 27.2545



87.2350, 54.1141, 3.3019



109.0050, 5.9135, 16.6586



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.



115.8510, 26.6955, 71.1677



128.7030, 41.5584, 110.7625



108.3270, -2.1332, 77.7662



93.4890, 1.7309, 4.8331



63.5570, 32.7564, 87.2115



13.9560, 6.9237, 19.3326

Inverse Universe

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



115.8510, 26.6955, 71.1677



128.7030, 41.5584, 110.7625



152.6730, 2.1332, -77.7662



93.4890, 1.7309, 4.8331



63.5570, 32.7564, 87.2115



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 115.8510, 26.6955, 71.1677 looks on a white background.

Color Contrast Check

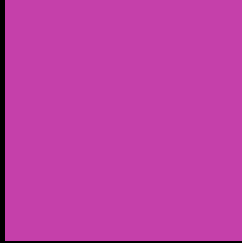
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8510, 26.6955, 71.1677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

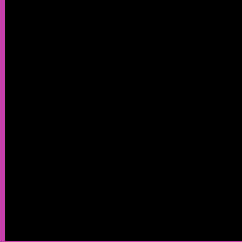
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.8510, 26.6955, 71.1677

Background



This preview shows how black text looks on a background with the YUV color 115.8510, 26.6955, 71.1677.



This preview shows how white text looks on a background with the YUV color 115.8510, 26.6955, 71.1677.

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

115.8510, 26.6955, 71.1677

Protanopia

114.3150, 49.1447, -36.2333

Deuteranopia

119.7270, 20.8406, -11.1616



Tritanopia

118.1820, -12.4147, 62.1074

Trichromacy



Original Color

115.8510, 26.6955, 71.1677



Protanomaly

114.7930, 41.0211, 2.8125



Deuteranomaly

118.1960, 23.0744, 19.1221



Tritanomaly

117.5750, 1.6885, 65.2707

Monochromacy



Original Color

115.8510, 26.6955, 71.1677



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.7980, 9.9596, 25.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8510, 26.6955, 71.1677 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(197, 64, 170)` looks like.

```
.text, #text, p{  
    color:rgb(197, 64, 170)  
}
```

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(197, 64, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 64, 170) }
```

Border

The CSS property to change the border of an element to YUV 115.8510, 26.6955, 71.1677 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(197, 64, 170) }
```


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

```
.border{ border-color:rgb(197, 64, 170) }
```

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

Here you see how a box with a 4 pixel rgb(197, 64, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 64, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 64, 170);  
box-shadow:4px 4px 4px 4px rgb(197, 64,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 115.8510, 26.6955, 71.1677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 64, 170) }
```

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

```
.background{ background-color: rgb(197, 64,  
170) }
```

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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