

Converting Colors

YUV(113.2650, 25.5054,
79.5746)

Have a look what the booklet for
YUV(113.2650, 25.5054, 79.5746)
contains.

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Color

**YUV(113.2650, 25.5054,
79.5746)**

Conversions

Conversions Part 1

Format	Color
Hex	CC39A5
RGB	204, 57, 165
RGB Percent	80%, 22%, 65%
CMY	0.2000, 0.7765, 0.3529
CMYK	0.00, 0.72, 0.19, 0.20
HSL	316°, 59%, 51%
HSV	316°, 72%, 80%
XYZ	33.1565, 18.4802, 37.4168
YIQ	113.2650, 52.9440, 64.7520

Conversions

Conversions Part 2

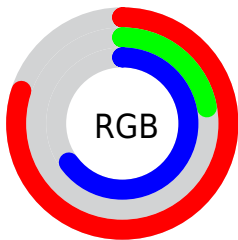
Format	Color
R_{YB}	204, 57, 165
Decimal	13384101
CIE _{Lab}	50.07, 67.18, -26.17
CIE _{LCh}	50, 72.093, 338.717
Yxy	18.4802, 0.3723, 0.2075
Android (android.graphics.Color)	4291574181 (0xFFCC39A5)
YUV	113.2650, 25.5054, 79.5746
Hunter-Lab	42.9886, 62.4442, -21.5133

Details

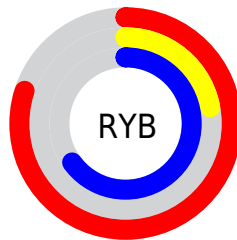
The YUV color **113.2650, 25.5054, 79.5746** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **147.7350, -25.5054, -79.5746**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0040, 24.6480, 74.5415**, and **56.5360, 27.8368, 78.4599** is the 20% darker color. If you saturate the color by 10%, you get **100.9550, 29.1092, 90.3705**, and if you desaturate by 10%, it is **125.5750, 21.9015, 68.7787**.

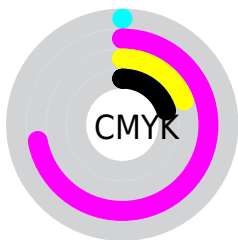
Distribution



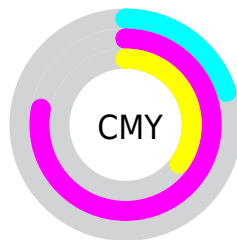
- Red (80%)
- Green (22%)
- Blue (65%)



- Red (80%)
- Yellow (22%)
- Blue (65%)



- Cyan (0%)
- Magenta (72%)
- Yellow (19%)
- Black (20%)




- Cyan (20%)
- Magenta (78%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.2650, 25.5054, 79.5746 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 113.2650, 25.5054, 79.5746 by changing the saturation by 10% instead.


 113.2650, 25.5054,
79.5746

 113.2650, 25.5054,
79.5746


255.0000, 0.0000,
0.0000


 77.4490, 29.8516,
85.5522


 170.0040, 24.6480,
74.5415


 56.5360, 27.8368,
78.4599

 189.7460, 29.2122,
57.2278

 45.0150, 21.1916,
63.1308


 207.4530, 23.4407,
41.6987

 33.9070, 14.8358,
48.3166

 224.4760, 15.0483,
26.7695

 23.9240, 8.9115,
35.1467

 242.0860, 6.3666,
11.3256

 12.4460, 3.7241,
18.9029

 0.0000, 0.0000,

0.0000

■ 113.2650, 25.5054,
79.5746

■ 113.2650, 25.5054,
79.5746

■ 100.9550, 29.1092,
90.3705

■ 125.5750, 21.9015,
68.7787

■ 87.9440, 32.5656,
101.7811

■ 138.5860, 18.4451,
57.3681

■ 78.0960, 35.4487,
110.4178

■ 150.8960, 14.8413,
46.5722

■ 163.9070, 11.3848,
35.1616

■ 176.2170, 7.7810,
24.3657

■ 188.5270, 4.1772,
13.5698

■ 201.5380, 0.7208,
2.1592

■ 213.8480, -2.8831,
-8.6367

■ 226.8590, -6.3395,
-20.0473

Harmonies

Analogous

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



121.3740, 46.6506, 17.2120



113.2650, 25.5054, 79.5746



102.0240, 0.9742, 107.8500

Triad

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



113.2650, 25.5054, 79.5746



109.8860, -54.1738, 15.8860



107.3450, 43.2139, -94.1416

Complementary

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



113.2650, 25.5054, 79.5746



147.7350, -25.5054, -79.5746

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.



101.2060, 17.1534, -88.7577



113.2650, 25.5054, 79.5746



97.1740, -47.9068, -34.3556

Square

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



113.2650, 25.5054, 79.5746



111.6340, -55.0356, 59.0800



92.0350, -10.3703, -80.7147



107.6820, 62.2748, -94.4371

Rectangle

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



113.2650, 25.5054, 79.5746



106.2470, -20.8278, 100.6384



92.0350, -10.3703, -80.7147



105.2930, 35.3516, -92.3420

Sweetspot

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



113.2650, 25.5054, 79.5746



220.4180, 9.6539, 30.3284



84.8210, 58.7552, 8.0500



107.0160, 5.9081, 18.4030



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.



113.2650, 25.5054, 79.5746



119.8350, 38.0423, 118.5397



105.1710, -5.5073, 86.6730



95.7880, 1.5835, 5.4479



63.5420, 28.8198, 89.8557



14.5540, 6.6289, 20.5621

Inverse Universe

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



113.2650, 25.5054, 79.5746



119.8350, 38.0423, 118.5397



155.8290, 5.5073, -86.6730



95.7880, 1.5835, 5.4479



63.5420, 28.8198, 89.8557



14.5540, 6.6289, 20.5621

Previews

White Background



This preview shows how the YUV color 113.2650, 25.5054, 79.5746 looks on a white background.

Color Contrast Check

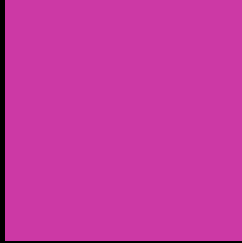
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.2650, 25.5054, 79.5746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

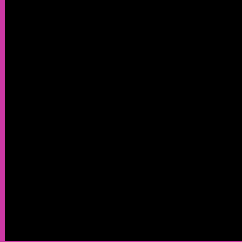
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 113.2650, 25.5054, 79.5746

Background



This preview shows how black text looks on a background with the YUV color 113.2650, 25.5054, 79.5746.



This preview shows how white text looks on a background with the YUV color 113.2650, 25.5054,

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

113.2650, 25.5054, 79.5746

Protanopia

115.0870, 48.2711, -36.0333

Deuteranopia

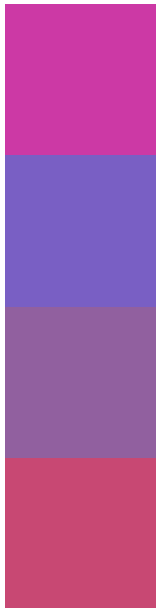
120.5380, 17.4828, -7.4878



Tritanopia

116.2540, -14.9152, 70.8142

Trichromacy



Original Color

113.2650, 25.5054, 79.5746

Protanomaly

114.2880, 40.2840, 5.8864

Deuteranomaly

117.8330, 20.2953, 23.8255

Tritanomaly

115.1740, -0.0858, 74.3924

Monochromacy



Original Color

113.2650, 25.5054, 79.5746

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.2930, 9.2226, 28.6840

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.2650, 25.5054, 79.5746 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(204, 57, 165)` looks like.

```
.text, #text, p{  
    color:rgb(204, 57, 165)  
}
```

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(204, 57, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 57, 165) }
```

Border

The CSS property to change the border of an element to YUV 113.2650, 25.5054, 79.5746 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(204, 57, 165) }
```


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

```
.border{ border-color:rgb(204, 57, 165) }
```

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

Here you see how a box with a 4 pixel rgb(204, 57, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 57, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 57, 165);  
box-shadow:4px 4px 4px 4px rgb(204, 57,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 113.2650, 25.5054, 79.5746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 57, 165) }
```

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

```
.background{ background-color: rgb(204, 57,  
165) }
```

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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