

Converting Colors

YUV(114.4610, 41.6777,
72.3867)

Have a look what the booklet for
YUV(114.4610, 41.6777, 72.3867)
contains.

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Color

**YUV(114.4610, 41.6777,
72.3867)**

Conversions

Conversions Part 1

Format	Color
Hex	C538C7
RGB	197, 56, 199
RGB Percent	77%, 22%, 78%
CMY	0.2275, 0.7804, 0.2196
CMYK	0.01, 0.72, 0.00, 0.22
HSL	299°, 56%, 50%
HSV	299°, 72%, 78%
XYZ	34.7489, 18.8222, 55.8344
YIQ	114.4610, 38.1330, 74.3650

Conversions

Conversions Part 2

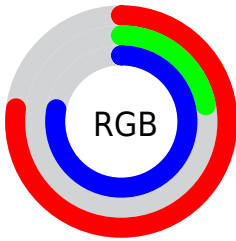
Format	Color
R _Y B	197, 56, 199
Decimal	12925127
CIE Lab	50.48, 70.98, -45.46
CIE LCh	50, 84.290, 327.359
Yxy	18.8222, 0.3176, 0.1720
Android (android.graphics.Color)	4291115207 (0xFFC538C7)
YUV	114.4610, 41.6777, 72.3867
Hunter-Lab	43.3845, 67.0470, -45.9350

Details

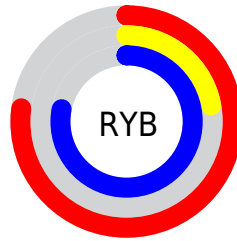
The YUV color **114.4610, 41.6777, 72.3867** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **140.5390, -41.6777, -72.3867**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.4070, 40.2253, 71.5571**, and **57.9770, 42.4093, 71.0572** is the 20% darker color. If you saturate the color by 10%, you get **102.7210, 47.4655, 82.6827**, and if you desaturate by 10%, it is **126.2010, 35.8899, 62.0907**.

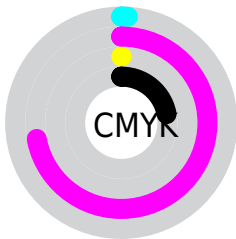
Distribution



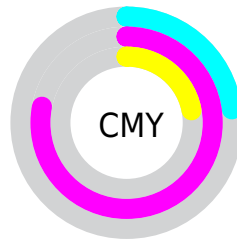
- Red (77%)
- Green (22%)
- Blue (78%)



- Red (77%)
- Yellow (22%)
- Blue (78%)



- Cyan (1%)
- Magenta (72%)
- Yellow (0%)
- Black (22%)




- Cyan (23%)
- Magenta (78%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4610, 41.6777, 72.3867 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 114.4610, 41.6777, 72.3867 by changing the saturation by 10% instead.


 114.4610, 41.6777,
72.3867

 114.4610, 41.6777,
72.3867


255.0000, 0.0000,
0.0000


 77.3570, 46.1660,
79.4939


 173.4070, 40.2253,
71.5571


 57.9770, 42.4093,
71.0572

 190.4300, 31.8330,
56.6279

 46.6410, 35.1800,
56.4428


 207.4530, 23.4407,
41.6987

 35.4190, 28.3874,
41.7285

 224.4760, 15.0483,
26.7695

 25.2080, 21.5895,
28.7586

 242.0860, 6.3666,
11.3256

 13.5020, 15.5285,
12.7147

 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,
0.0000

■ 114.4610, 41.6777,
72.3867

■ 114.4610, 41.6777,
72.3867

■ 102.7210, 47.4655,
82.6827

■ 126.2010, 35.8899,
62.0907

■ 90.6820, 53.4008,
92.3639

■ 138.2400, 29.9547,
52.4095

■ 81.2900, 58.0310,
100.6007

■ 149.9800, 24.1669,
42.1135

■ 161.7200, 18.3790,
31.8176

■ 173.4600, 12.5912,
21.5216

■ 184.9120, 6.9454,
12.3552

■ 196.6520, 1.1576,
2.0592

■ 208.3920, -4.6303,
-8.2368

■ 220.4310,
-10.5655, -17.9180

Harmonies

Analogous

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



115.8600, 66.1310, -24.4332



114.4610, 41.6777, 72.3867



85.9820, 21.7009, 133.3198

Triad

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



114.4610, 41.6777, 72.3867



112.9530, -55.6858, 34.2442



109.1400, 37.3990, -95.7158

Complementary

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



114.4610, 41.6777, 72.3867



140.5390, -41.6777, -72.3867

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.



100.1170, 5.3653, -87.8026



114.4610, 41.6777, 72.3867



103.4640, -51.0078, -19.7009

Square

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



114.4610, 41.6777, 72.3867



109.1300, -53.8011, 83.2010



88.6490, -28.4210, -77.7452



113.2900, 63.4540, -99.3553

Rectangle

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



114.4610, 41.6777, 72.3867



81.5210, 0.7291, 139.8631



88.6490, -28.4210, -77.7452



106.4040, 26.9158, -93.3163

Sweetspot

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



114.4610, 41.6777, 72.3867



221.8290, 16.3533, 28.2140



73.4760, 61.8833, -15.3265



107.7430, 9.9867, 16.8884



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.



114.4610, 41.6777, 72.3867



125.5500, 63.8189, 110.8967



107.1930, 11.2439, 80.5147



93.7170, 2.6045, 4.6332



66.7210, 47.4655, 82.6827



14.5690, 10.5655, 17.9180

Inverse Universe

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



98.9850, -20.2056, 87.7132



101.8230, -30.9717, 134.3362



147.8070, -11.2439, -80.5147



92.6910, -1.3267, 5.5330



48.9650, -23.1537, 100.0087



10.7640, -5.3067, 22.1320

Previews

White Background



This preview shows how the YUV color 114.4610, 41.6777, 72.3867 looks on a white background.

Color Contrast Check

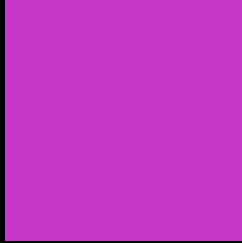
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.4610, 41.6777, 72.3867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

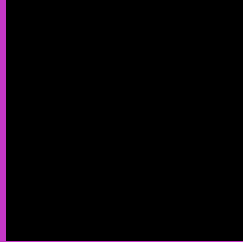
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.4610, 41.6777, 72.3867

Background



This preview shows how black text looks on a background with the YUV color 114.4610, 41.6777, 72.3867.



This preview shows how white text looks on a background with the YUV color 114.4610, 41.6777, 72.3867.

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

114.4610, 41.6777, 72.3867

Protanopia

96.2500, 74.3197, -84.4112

Deuteranopia

117.6890, 35.1563, -29.5453



Tritanopia

119.9040, -10.7987, 57.0892

Trichromacy



Original Color

114.4610, 41.6777, 72.3867



Protanomaly

102.9260, 62.6475, -27.1221



Deuteranomaly

116.3160, 37.8052, 7.6159



Tritanomaly

117.6870, 8.5353, 62.5415

Monochromacy



Original Color

114.4610, 41.6777, 72.3867



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.1770, 15.1957, 26.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4610, 41.6777, 72.3867 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, 56, 199)` looks like.

```
.text, #text, p{  
    color:rgb(197, 56, 199)  
}
```

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, 56, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 56, 199) }
```

Border

The CSS property to change the border of an element to YUV 114.4610, 41.6777, 72.3867 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, 56, 199) }
```


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

```
.border{ border-color:rgb(197, 56, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 56, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 56, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 56, 199);  
box-shadow:4px 4px 4px 4px rgb(197, 56,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 114.4610, 41.6777, 72.3867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 56, 199) }
```

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

```
.background{ background-color: rgb(197, 56,  
199) }
```

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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