

Converting Colors

YUV(110.4610, 24.9157,
82.0337)

Have a look what the booklet for
YUV(110.4610, 24.9157, 82.0337)
contains.

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Color

**YUV(110.4610, 24.9157,
82.0337)**

Conversions

Conversions Part 1

Format	Color
Hex	CC35A1
RGB	204, 53, 161
RGB Percent	80%, 21%, 63%
CMY	0.2000, 0.7922, 0.3686
CMYK	0.00, 0.74, 0.21, 0.20
HSL	317°, 60%, 50%
HSV	317°, 74%, 80%
XYZ	32.6080, 17.9568, 35.4656
YIQ	110.4610, 55.3280, 65.6000

Conversions

Conversions Part 2

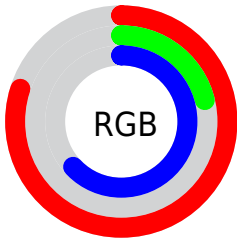
Format	Color
R_{YB}	204, 53, 161
Decimal	13383073
CIE _{Lab}	49.44, 67.94, -24.77
CIE _{LCh}	49, 72.316, 339.965
Yxy	17.9568, 0.3790, 0.2087
Android (android.graphics.Color)	4291573153 (0xFFCC35A1)
YUV	110.4610, 24.9157, 82.0337
Hunter-Lab	42.3754, 63.1990, -19.9592

Details

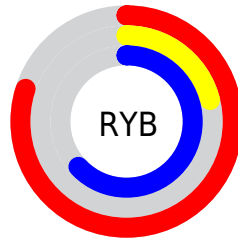
The YUV color **110.4610, 24.9157, 82.0337** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **146.5390, -24.9157, -82.0337**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7870, 23.7690, 76.4858**, and **56.0800, 26.0896, 78.8598** is the 20% darker color. If you saturate the color by 10%, you get **98.0370, 28.0828, 92.9296**, and if you desaturate by 10%, it is **122.8850, 21.7487, 71.1379**.

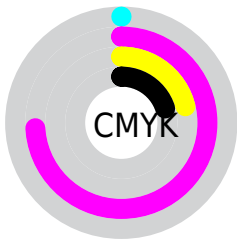
Distribution



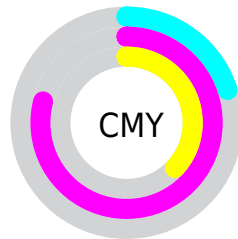
- Red (80%)
- Green (21%)
- Blue (63%)



- Red (80%)
- Yellow (21%)
- Blue (63%)



- Cyan (0%)
- Magenta (74%)
- Yellow (21%)
- Black (20%)





- Cyan (20%)
- Magenta (79%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.4610, 24.9157, 82.0337 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 110.4610, 24.9157, 82.0337 by changing the saturation by 10% instead.


 110.4610, 24.9157,
82.0337


 110.4610, 24.9157,
82.0337

255.0000, 0.0000,
0.0000


 70.6500, 31.7245,
91.5149

 167.7870, 23.7690,
76.4858


 56.0800, 26.0896,
78.8598

 187.5290, 28.3332,
59.1721

 44.6730, 19.8812,
63.4308


 205.6920, 24.3088,
43.2431

 33.5650, 13.5255,
48.6165

 222.7150, 15.9165,
28.3139

 23.5820, 7.6011,
35.4466

 240.3250, 7.2348,
12.8700

 11.6910, 2.1243,
18.6880

 0.0000, 0.0000,

0.0000

■ 110.4610, 24.9157,
82.0337

■ 110.4610, 24.9157,
82.0337

■ 98.0370, 28.0828,
92.9296

■ 122.8850, 21.7487,
71.1379

■ 85.0260, 31.5392,
104.3402

■ 135.8960, 18.2923,
59.7272

■ 77.6400, 33.7015,
110.8177

■ 148.2060, 14.6884,
48.9313

■ 161.2170, 11.2320,
37.5207

■ 173.6410, 8.0650,
26.6248

■ 186.0650, 4.8980,
15.7290

■ 199.0760, 1.4415,
4.3183

■ 211.3860, -2.1623,
-6.4775

■ 224.3970, -5.6187,
-17.8882

Harmonies

Analogous

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



119.8690, 45.9136, 20.2859



110.4610, 24.9157, 82.0337



99.5080, 0.2426, 109.1795

Triad

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



110.4610, 24.9157, 82.0337



108.6900, -53.5842, 13.4269



106.2850, 44.2295, -93.2119

Complementary

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



110.4610, 24.9157, 82.0337



146.5390, -24.9157, -82.0337

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



110.4610, 24.9157, 82.0337



94.4940, -46.5855, -38.1442

Square

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



110.4610, 24.9157, 82.0337



110.4380, -54.4459, 56.6209



91.0890, -8.9179, -79.8851



106.5080, 62.8536, -93.4075

Rectangle

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



110.4610, 24.9157, 82.0337



104.3070, -21.8434, 99.7088



91.0890, -8.9179, -79.8851



104.8200, 36.0777, -91.9271

Sweetspot

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



110.4610, 24.9157, 82.0337



220.3040, 9.2171, 30.4284



83.0710, 59.6180, 11.3387



106.9020, 5.4713, 18.5029



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.



110.4610, 24.9157, 82.0337



114.3410, 37.2999, 123.3579



101.9110, -7.8441, 89.5321



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.



110.4610, 24.9157, 82.0337



114.3410, 37.2999, 123.3579



155.0890, 7.8441, -89.5321



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 110.4610, 24.9157, 82.0337 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 110.4610, 24.9157, 82.0337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

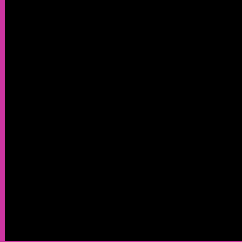
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.4610, 24.9157, 82.0337

Background



This preview shows how black text looks on a background with the YUV color 110.4610, 24.9157, 82.0337.



This preview shows how white text looks on a background with the YUV color 110.4610, 24.9157, 82.0337.

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

110.4610, 24.9157, 82.0337

Protanopia

113.2720, 47.6869, -35.3185

Deuteranopia

118.9080, 16.3144, -6.0583



Tritanopia

114.1510, -15.3574, 72.6586

Trichromacy



Original Color

110.4610, 24.9157, 82.0337



Protanomaly

112.0710, 39.4050, 7.8307



Deuteranomaly

115.6160, 19.4163, 25.7698



Tritanomaly

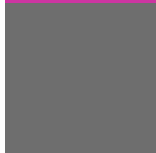
112.9570, -0.9648, 76.3367

Monochromacy



Original Color

110.4610, 24.9157, 82.0337



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

110.0050, 9.3645, 29.8136

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4610, 24.9157, 82.0337 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, 53, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 53, 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(204, 53, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 53, 161) }
```

Border

The CSS property to change the border of an element to YUV 110.4610, 24.9157, 82.0337 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, 53, 161) }
```


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

```
.border{ border-color:rgb(204, 53, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 53, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 53, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 53, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 53,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 110.4610, 24.9157, 82.0337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 53, 161) }
```

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

```
.background{ background-color: rgb(204, 53,  
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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