

Converting Colors

YUV(111.8490, 16.3434,
78.1854)

Have a look what the booklet for
YUV(111.8490, 16.3434, 78.1854)
contains.

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Color

**YUV(111.8490, 16.3434,
78.1854)**

Conversions

Conversions Part 1

Format	Color
Hex	C93C91
RGB	201, 60, 145
RGB Percent	79%, 24%, 57%
CMY	0.2118, 0.7647, 0.4314
CMYK	0.00, 0.70, 0.28, 0.21
HSL	324°, 57%, 51%
HSV	324°, 70%, 79%
XYZ	30.8141, 17.6936, 28.5792
YIQ	111.8490, 56.7510, 56.3270

Conversions

Conversions Part 2

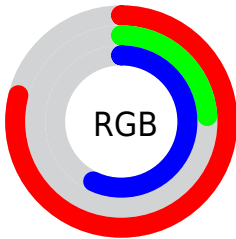
Format	Color
R_{YB}	201, 60, 145
Decimal	13188241
CIE _{Lab}	49.12, 62.78, -15.77
CIE _{LCh}	49, 64.736, 345.897
Yxy	17.6936, 0.3997, 0.2295
Android (android.graphics.Color)	4291378321 (0xFFC93C91)
YUV	111.8490, 16.3434, 78.1854
Hunter-Lab	42.0637, 57.1500, -10.8386

Details

The YUV color **111.8490, 16.3434, 78.1854** 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 **149.1510, -16.3434, -78.1854**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1970, 15.1859, 76.1262**, and **53.4730, 19.9798, 78.5152** is the 20% darker color. If you saturate the color by 10%, you get **99.1970, 18.6369, 89.2812**, and if you desaturate by 10%, it is **124.5010, 14.0500, 67.0896**.

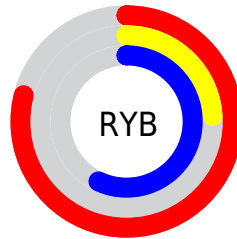
Distribution



Red (79%)

Green (24%)

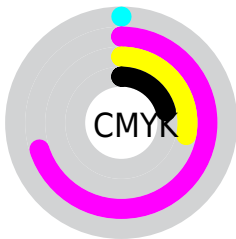
Blue (57%)



Red (79%)

Yellow (24%)

Blue (57%)

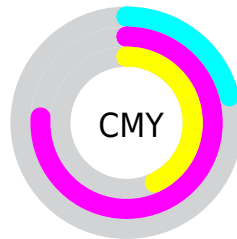


Cyan (0%)

Magenta (70%)

Yellow (28%)

Black (21%)



Cyan (21%)


Magenta (76%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.8490, 16.3434, 78.1854 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 111.8490, 16.3434, 78.1854 by changing the saturation by 10% instead.


 111.8490, 16.3434,
78.1854


 111.8490, 16.3434,
78.1854


255.0000, 0.0000,
0.0000


 79.0820, 19.6796,
81.4891


 168.1970, 15.1859,
76.1262


 53.4730, 19.9798,
78.5152


 187.8250, 19.3133,
58.9125

 42.1800, 14.2083,
62.9861


 208.0400, 23.1513,
41.1839

 31.1860, 8.2893,
48.0719

 225.0630, 14.7589,
26.2547

 21.4310, 3.2385,
34.7020

 242.0860, 6.3666,
11.3256

 8.7850, -3.8380,
17.7286

 0.0000, 0.0000,

0.0000

■ 111.8490, 16.3434,
78.1854

■ 111.8490, 16.3434,
78.1854

■ 99.1970, 18.6369,
89.2812

■ 124.5010, 14.0500,
67.0896

■ 86.5450, 20.9303,
100.3770

■ 137.1530, 11.7566,
55.9938

■ 73.8930, 23.2238,
111.4728

■ 149.8050, 9.4631,
44.8980

■ 162.4570, 7.1697,
33.8022

■ 175.6960, 4.5869,
22.1916

■ 188.3480, 2.2934,
11.0958

■ 201.0000, 0.0000,
0.0000

■ 213.6520, -2.2934,
-11.0958

■ 226.3040, -4.5869,
-22.1916

Harmonies

Analogous

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



119.5300, 36.7137, 31.1072



111.8490, 16.3434, 78.1854



106.8190, -8.2918, 93.1207

Triad

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



111.8490, 16.3434, 78.1854



106.2870, -52.3995, 6.7643



103.8230, 44.9503, -91.0528

Complementary

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



111.8490, 16.3434, 78.1854



149.1510, -16.3434, -78.1854

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.



99.2970, 22.5316, -87.0835



111.8490, 16.3434, 78.1854



94.9350, -32.0130, -45.5470

Square

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



111.8490, 16.3434, 78.1854



110.0730, -54.2660, 45.5400



92.2120, -2.0765, -80.8699



102.4330, 59.9325, -89.8337

Rectangle

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



111.8490, 16.3434, 78.1854



108.6550, -26.4519, 84.4946



92.2120, -2.0765, -80.8699



102.7000, 38.1089, -90.0679

Sweetspot

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



111.8490, 16.3434, 78.1854



220.9080, 6.4544, 29.8987



92.2200, 53.6285, 19.1011



107.7340, 3.5821, 17.7733



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.



111.8490, 16.3434, 78.1854



119.6920, 24.8018, 118.6651



103.9830, -13.7956, 85.0839



93.3750, 1.2941, 4.9331



59.9090, 18.7789, 90.4108



13.2720, 4.3029, 19.9325

Inverse Universe

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



111.8490, 16.3434, 78.1854



119.6920, 24.8018, 118.6651



157.0170, 13.7956, -85.0839



93.3750, 1.2941, 4.9331



59.9090, 18.7789, 90.4108



13.2720, 4.3029, 19.9325

Previews

White Background



This preview shows how the YUV color 111.8490, 16.3434, 78.1854 looks on a white background.

Color Contrast Check

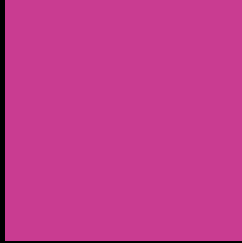
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.8490, 16.3434, 78.1854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

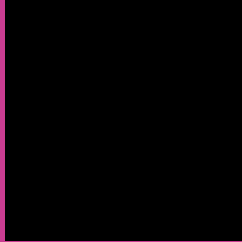
Any Text WCAG AA ✓ Pass

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 111.8490, 16.3434, 78.1854 Background



This preview shows how black text looks on a background with the YUV color 111.8490, 16.3434, 78.1854.



This preview shows how white text looks on a background with the YUV color 111.8490, 16.3434,

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

111.8490, 16.3434, 78.1854

Protanopia

115.9180, 34.5504, -21.8531

Deuteranopia

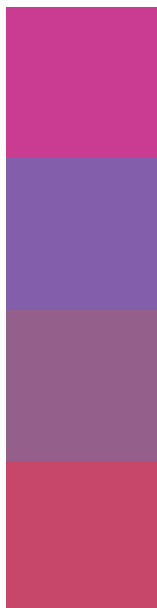
118.7040, 9.0199, 0.2596



Tritanopia

113.1510, -15.3574, 72.6586

Trichromacy



Original Color

111.8490, 16.3434, 78.1854

Protanomaly

114.4280, 27.8900, 14.5336

Deuteranomaly

116.2760, 11.6959, 28.6989

Tritanomaly

112.8490, -3.8696, 74.6774

Monochromacy



Original Color

111.8490, 16.3434, 78.1854

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7830, 6.0230, 28.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8490, 16.3434, 78.1854 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(201, 60, 145)` looks like.

```
.text, #text, p{  
    color:rgb(201, 60, 145)  
}
```

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(201, 60, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 60, 145) }
```

Border

The CSS property to change the border of an element to YUV 111.8490, 16.3434, 78.1854 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(201, 60, 145) }
```


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

```
.border{ border-color:rgb(201, 60, 145) }
```

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

Here you see how a box with a 4 pixel rgb(201, 60, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 60, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 60, 145);  
box-shadow:4px 4px 4px 4px rgb(201, 60,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 111.8490, 16.3434, 78.1854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 60, 145) }
```

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

```
.background{ background-color: rgb(201, 60,  
145) }
```

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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