

Converting Colors

YUV(114.8850, 41.9617,
74.6459)

Have a look what the booklet for
YUV(114.8850, 41.9617, 74.6459)
contains.

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Color

**YUV(114.8850, 41.9617,
74.6459)**

Conversions

Conversions Part 1

Format	Color
Hex	C837C8
RGB	200, 55, 200
RGB Percent	78%, 22%, 78%
CMY	0.2157, 0.7843, 0.2157
CMYK	0.00, 0.72, 0.00, 0.22
HSL	300°, 57%, 50%
HSV	300°, 72%, 78%
XYZ	35.6109, 19.1819, 56.4691
YIQ	114.8850, 39.8750, 75.8350

Conversions

Conversions Part 2

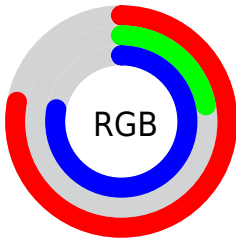
Format	Color
R _{YB}	200, 55, 200
Decimal	13121480
CIE Lab	50.90, 72.10, -45.34
CIE LCh	51, 85.170, 327.833
Yxy	19.1819, 0.3201, 0.1724
Android (android.graphics.Color)	4291311560 (0xFFC837C8)
YUV	114.8850, 41.9617, 74.6459
Hunter-Lab	43.7971, 68.4914, -45.7867

Details

The YUV color **114.8850, 41.9617, 74.6459** 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 **140.1150, -41.9617, -74.6459**, 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 **58.9880, 42.4039, 72.8015** is the 20% darker color. If you saturate the color by 10%, you get **103.1450, 47.7495, 84.9418**, and if you desaturate by 10%, it is **126.6250, 36.1739, 64.3499**.

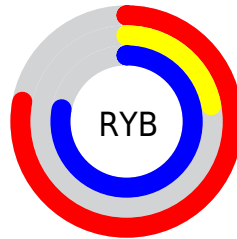
Distribution



Red (78%)

Green (22%)

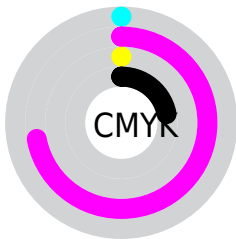
Blue (78%)



Red (78%)

Yellow (22%)

Blue (78%)

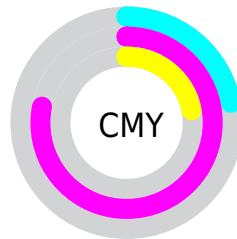


Cyan (0%)

Magenta (72%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (78%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.8850, 41.9617, 74.6459 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 114.8850, 41.9617, 74.6459 by changing the saturation by 10% instead.

114.8850, 41.9617,
74.6459

114.8850, 41.9617,
74.6459

255.0000, 0.0000,
0.0000

76.0200, 47.3181,
83.2975

173.4070, 40.2253,
71.5571

58.9880, 42.4039,
72.8015

190.4300, 31.8330,
56.6279

47.6520, 35.1746,
58.1872

207.4530, 23.4407,
41.6987

36.4300, 28.3820,
43.4729

224.4760, 15.0483,
26.7695

25.9200, 21.7314,
29.8882

242.0860, 6.3666,
11.3256

14.2140, 15.6705,
13.8443

3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 114.8850, 41.9617,
74.6459

■ 114.8850, 41.9617,
74.6459

■ 103.1450, 47.7495,
84.9418

■ 126.6250, 36.1739,
64.3499

■ 91.4050, 53.5373,
95.2378

■ 138.3650, 30.3861,
54.0539

■ 82.6000, 57.8782,
102.9598

■ 150.1050, 24.5982,
43.7579

■ 161.8450, 18.8104,
33.4619

■ 173.5850, 13.0226,
23.1660

■ 185.3250, 7.2348,
12.8700

■ 197.0650, 1.4470,
2.5740

■ 208.8050, -4.3409,
-7.7220

■ 220.5450,
-10.1287, -18.0180

Harmonies

Analogous

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



116.9850, 66.5624, -22.7888



114.8850, 41.9617, 74.6459



86.8790, 21.2587, 135.1641

Triad

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



114.8850, 41.9617, 74.6459



114.1270, -56.2646, 33.2146



110.0690, 38.4200, -96.5305

Complementary

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



114.8850, 41.9617, 74.6459



140.1150, -41.9617, -74.6459

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.



101.0460, 6.3863, -88.6173



114.8850, 41.9617, 74.6459



103.7520, -51.1497, -20.8305

Square

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



114.8850, 41.9617, 74.6459



110.3150, -54.3853, 83.9157



89.3500, -28.2735, -78.3599



114.2190, 64.4750, -100.1701

Rectangle

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



114.8850, 41.9617, 74.6459



82.0050, -0.0025, 141.1926



89.3500, -28.2735, -78.3599



107.3330, 27.9368, -94.1310

Sweetspot

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



114.8850, 41.9617, 74.6459



222.1280, 16.2059, 28.8287



71.5300, 63.3357, -14.4968



108.0420, 9.8393, 17.5032



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.



114.8850, 41.9617, 74.6459



124.6860, 64.2448, 114.2854



106.6770, 10.5122, 81.8443



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Inverse Universe

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



114.8850, 41.9617, 74.6459



124.6860, 64.2448, 114.2854



148.4370, -10.0754, -81.9442



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 114.8850, 41.9617, 74.6459 looks on a white background.

Color Contrast Check

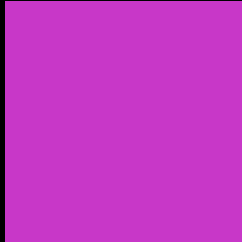
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.8850, 41.9617, 74.6459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

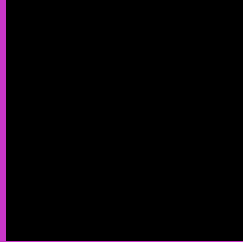
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.8850, 41.9617, 74.6459

Background



This preview shows how black text looks on a background with the YUV color 114.8850, 41.9617, 74.6459.



This preview shows how white text looks on a background with the YUV color 114.8850, 41.9617, 74.6459.

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

114.8850, 41.9617, 74.6459

Protanopia

97.1790, 75.3408, -85.2260

Deuteranopia

118.9880, 35.0089, -28.9305



Tritanopia

120.6870, -11.6777, 59.0335

Trichromacy



Original Color

114.8850, 41.9617, 74.6459



Protanomaly

103.4530, 63.3737, -26.7073



Deuteranomaly

117.6150, 37.6578, 8.2306



Tritanomaly

118.4700, 7.6563, 64.4858

Monochromacy



Original Color

114.8850, 41.9617, 74.6459



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

114.8890, 15.3377, 27.2843

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.8850, 41.9617, 74.6459 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(200, 55, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 55, 200)  
}
```

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(200, 55, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 55, 200) }
```

Border

The CSS property to change the border of an element to YUV 114.8850, 41.9617, 74.6459 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(200, 55, 200) }
```


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

```
.border{ border-color:rgb(200, 55, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 55, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 55, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 55, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 55,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 114.8850, 41.9617, 74.6459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 55, 200) }
```

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

```
.background{ background-color: rgb(200, 55,  
200) }
```

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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