

Converting Colors

YUV(117.8850, 41.9617,
74.6459)

Have a look what the booklet for
YUV(117.8850, 41.9617, 74.6459)
contains.

YUV(117.8850, 41.9617, 74.6459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(117.8850, 41.9617,
74.6459)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3ACB
RGB	203, 58, 203
RGB Percent	80%, 23%, 80%
CMY	0.2039, 0.7725, 0.2039
CMYK	0.00, 0.71, 0.00, 0.20
HSL	300°, 58%, 51%
HSV	300°, 71%, 80%
XYZ	36.9212, 20.0344, 58.4210
YIQ	117.8850, 39.8750, 75.8350

Conversions

Conversions Part 2

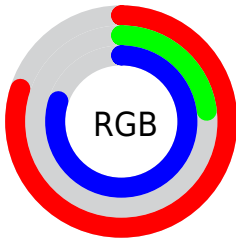
Format	Color
R_{YB}	203, 58, 203
Decimal	13318859
CIE _{Lab}	51.88, 72.25, -45.49
CIE _{LCh}	52, 85.381, 327.806
Yxy	20.0344, 0.3200, 0.1736
Android (android.graphics.Color)	4291508939 (0xFFCB3ACB)
YUV	117.8850, 41.9617, 74.6459
Hunter-Lab	44.7598, 68.9101, -46.0540

Details

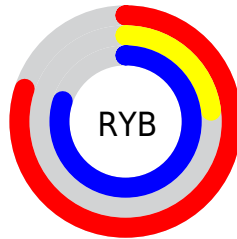
The YUV color **117.8850, 41.9617, 74.6459** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **143.1150, -41.9617, -74.6459**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.5810, 39.6466, 70.5275**, and **60.2270, 43.2721, 74.3459** is the 20% darker color. If you saturate the color by 10%, you get **106.1450, 47.7495, 84.9418**, and if you desaturate by 10%, it is **129.6250, 36.1739, 64.3499**.

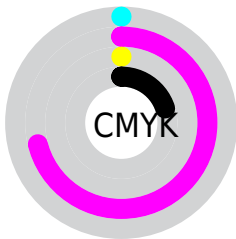
Distribution



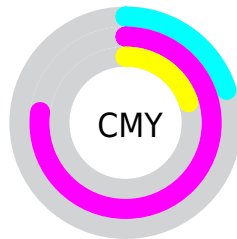
- Red (80%)
- Green (23%)
- Blue (80%)



- Red (80%)
- Yellow (23%)
- Blue (80%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (77%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.8850, 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 117.8850, 41.9617, 74.6459 by changing the saturation by 10% instead.


 117.8850, 41.9617,
74.6459


 117.8850, 41.9617,
74.6459


255.0000, 0.0000,
0.0000


 80.7810, 46.4500,
81.7531

 174.5810, 39.6466,
70.5275


 60.2270, 43.2721,
74.3459


 191.6040, 31.2542,
55.5983

 48.5920, 36.1901,
59.1168


 208.6270, 22.8619,
40.6691

 37.2560, 28.9608,
44.5025

 226.2370, 14.1802,
25.2252

 26.7460, 22.3102,
30.9178

 243.2600, 5.7878,
10.2960

 15.4530, 16.5387,
15.3887

 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 117.8850, 41.9617,
74.6459

■ 117.8850, 41.9617,
74.6459

■ 106.1450, 47.7495,
84.9418

■ 129.6250, 36.1739,
64.3499

■ 93.8180, 53.8267,
95.7526

■ 141.9520, 30.0967,
53.5391

■ 83.8390, 58.7464,
104.5042

■ 153.6920, 24.3088,
43.2431

■ 165.4320, 18.5210,
32.9471

■ 177.7590, 12.4438,
22.1364

189.4990, 6.6560,
11.8404

201.2390, 0.8682,
1.5444

212.9790, -4.9196,
-8.7516

225.3060,
-10.9969, -19.5624

Harmonies

Analogous

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



119.3980, 66.8518, -22.2740



117.8850, 41.9617, 74.6459



88.0040, 21.6900, 136.8085

Triad

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



117.8850, 41.9617, 74.6459



116.1980, -57.2856, 34.0294



112.1720, 38.8622, -98.3748

Complementary

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



117.8850, 41.9617, 74.6459



143.1150, -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.



103.0350, 6.3917, -90.3617



117.8850, 41.9617, 74.6459



106.1110, -52.3127, -21.1453

Square

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



117.8850, 41.9617, 74.6459



112.3860, -55.4063, 84.7305



91.3390, -28.2681, -80.1043



116.3220, 64.9173, -102.0144

Rectangle

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



117.8850, 41.9617, 74.6459



83.4290, 0.2815, 143.4518



91.3390, -28.2681, -80.1043



109.4360, 28.3791, -95.9754

Sweetspot

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



117.8850, 41.9617, 74.6459



223.3020, 15.6271, 27.7991



74.5300, 63.3357, -14.4968



109.2160, 9.2605, 16.4736



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.



117.8850, 41.9617, 74.6459



126.4470, 63.3766, 112.7410



109.6770, 10.5122, 81.8443



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Inverse Universe

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



117.8850, 41.9617, 74.6459



126.4470, 63.3766, 112.7410



151.4370, -10.0754, -81.9442



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 117.8850, 41.9617, 74.6459 looks on a white background.

Color Contrast Check

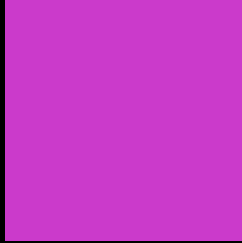
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8850, 41.9617, 74.6459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

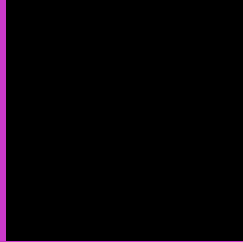
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.8850, 41.9617, 74.6459

Background



This preview shows how black text looks on a background with the YUV color 117.8850, 41.9617, 74.6459.



This preview shows how white text looks on a background with the YUV color 117.8850, 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

117.8850, 41.9617, 74.6459

Protanopia

99.5100, 76.6566, -87.2703

Deuteranopia

121.1020, 35.4457, -29.0305



Tritanopia

123.1000, -11.3883, 59.5483

Trichromacy



Original Color

117.8850, 41.9617, 74.6459



Protanomaly

105.9690, 64.1053, -28.0368



Deuteranomaly

120.0280, 37.9472, 8.7454



Tritanomaly

120.8830, 7.9457, 65.0006

Monochromacy



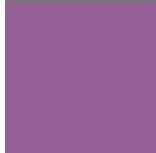
Original Color

117.8850, 41.9617, 74.6459



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

117.8890, 15.3377, 27.2843

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8850, 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(203, 58, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 58, 203)  
}
```

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(203, 58, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 58, 203) }
```

Border

The CSS property to change the border of an element to YUV 117.8850, 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(203, 58, 203) }
```


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

```
.border{ border-color:rgb(203, 58, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 58, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 58, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 58, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 58,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 117.8850, 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(203, 58, 203) }
```

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

```
.background{ background-color: rgb(203, 58,  
203) }
```

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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