

Converting Colors

YUV(117.6520, 1.6506, 77.4812)

Have a look what the booklet for
YUV(117.6520, 1.6506, 77.4812)
contains.

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Color

**YUV(117.6520, 1.6506,
77.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	CE4879
RGB	206, 72, 121
RGB Percent	81%, 28%, 47%
CMY	0.1922, 0.7176, 0.5255
CMYK	0.00, 0.65, 0.41, 0.19
HSL	338°, 58%, 55%
HSV	338°, 65%, 81%
XYZ	31.2222, 19.1370, 20.1374
YIQ	117.6520, 64.1350, 43.6470

Conversions

Conversions Part 2

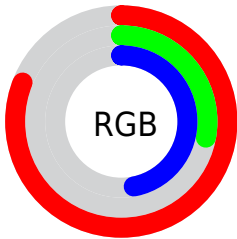
Format	Color
R_{YB}	206, 72, 121
Decimal	13518969
CIE _{Lab}	50.85, 56.86, 1.30
CIE _{LCh}	51, 56.875, 1.314
Yxy	19.1370, 0.4429, 0.2715
Android (android.graphics.Color)	4291709049 (0xFFCE4879)
YUV	117.6520, 1.6506, 77.4812
Hunter-Lab	43.7459, 50.8431, 3.3294

Details

The YUV color **117.6520, 1.6506, 77.4812** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **160.3480, -1.6506, -77.4812**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.1030, 0.9352, 73.5777**, and **52.2750, 10.2174, 83.0738** is the 20% darker color. If you saturate the color by 10%, you get **103.8430, 2.0494, 89.5917**, and if you desaturate by 10%, it is **131.4610, 1.2517, 65.3707**.

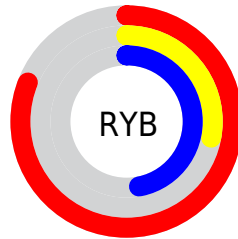
Distribution



Red (81%)

Green (28%)

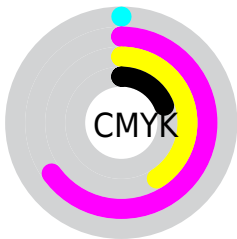
Blue (47%)



Red (81%)

Yellow (28%)

Blue (47%)

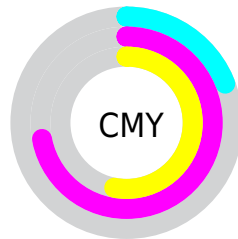


Cyan (0%)

Magenta (65%)

Yellow (41%)

Black (19%)



Cyan (19%)


Magenta (72%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 117.6520, 1.6506, 77.4812 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 117.6520, 1.6506, 77.4812 by changing the saturation by 10% instead.


 117.6520, 1.6506,
77.4812


 117.6520, 1.6506,
77.4812

255.0000, 0.0000,
0.0000


 88.2220, 3.8346,
76.9813


 171.1030, 0.9352,
73.5777


 52.2750, 10.2174,
83.0738


 190.6170, 4.6258,
56.4639

 40.9820, 4.4459,
67.5448


 210.2450, 8.7532,
39.2501

 30.3300, -0.1627,
52.3306

 230.3460, 12.1544,
21.6216

 19.4780, -8.1237,
39.0458

 247.3690, 3.7621,
6.6924

 9.3830, -4.1328,
18.9581

 0.0000, 0.0000,

0.0000

■ 117.6520, 1.6506,
77.4812

■ 117.6520, 1.6506,
77.4812

■ 103.8430, 2.0494,
89.5917

■ 131.4610, 1.2517,
65.3707

■ 90.6210, 2.1588,
101.1874

■ 144.6830, 1.1423,
53.7750

■ 76.8120, 2.5577,
113.2979

■ 158.4920, 0.7434,
41.6645

■ 70.1440, 2.3940,
119.1457

■ 171.7140, 0.6340,
30.0688

■ 185.5230, 0.2352,
17.9583

■ 199.3320, -0.1637,
5.8478

■ 212.5540, -0.2731,
-5.7479

■ 226.4770, -0.2352,
-17.9583

■ 238.5250, 0.2342,
-28.5244

Harmonies

Analogous

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



123.1660, 22.1032, 50.7204



117.6520, 1.6506, 77.4812



116.9790, -21.1886, 76.3174

Triad

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



117.6520, 1.6506, 77.4812



109.2550, -40.5517, -13.3786



104.4900, 50.0444, -91.6377

Complementary

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



117.6520, 1.6506, 77.4812



160.3480, -1.6506, -77.4812

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.



103.3210, 32.8727, -90.6125



117.6520, 1.6506, 77.4812



90.3880, -9.0653, -79.2703

Square

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



117.6520, 1.6506, 77.4812



113.1970, -55.8061, 26.1372



97.8490, 11.9064, -85.8136



98.8140, 58.7587, -86.6599

Rectangle

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



117.6520, 1.6506, 77.4812



117.1180, -35.5542, 63.9175



97.8490, 11.9064, -85.8136



104.5240, 45.0977, -91.6675

Sweetspot

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



117.6520, 1.6506, 77.4812



221.4150, 0.7814, 29.4540



112.6910, 46.0013, 38.8590



107.5230, 0.2352, 17.9583



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.



117.6520, 1.6506, 77.4812



123.8230, 2.5523, 115.0422



122.6320, -24.9616, 73.1137



95.4460, 0.2731, 5.7479



56.5880, 2.1751, 95.9543



12.9580, 0.5137, 21.9618

Inverse Universe

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



117.6520, 1.6506, 77.4812



123.8230, 2.5523, 115.0422



155.3680, 24.9616, -73.1137



95.4460, 0.2731, 5.7479



56.5880, 2.1751, 95.9543



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 117.6520, 1.6506, 77.4812 looks on a white background.

Color Contrast Check

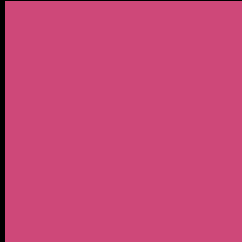
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.6520, 1.6506, 77.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

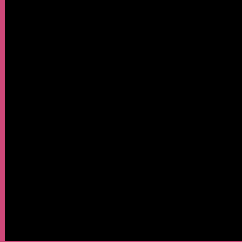
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.6520, 1.6506, 77.4812

Background



This preview shows how black text looks on a background with the YUV color 117.6520, 1.6506, 77.4812.



This preview shows how white text looks on a background with the YUV color 117.6520, 1.6506,

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

117.6520, 1.6506, 77.4812

Protanopia

121.9250, 13.8410, -6.0732

Deuteranopia

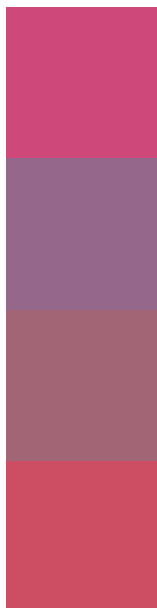
122.3390, -4.1111, 11.9807



Tritanopia

117.6460, -16.0945, 75.7325

Trichromacy



Original Color

117.6520, 1.6506, 77.4812

Protanomaly

120.5590, 9.0914, 24.0658

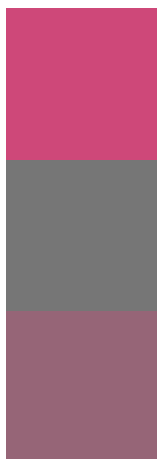
Deuteranomaly

120.7640, -1.8557, 35.2870

Tritanomaly

117.6660, -9.6953, 76.5919

Monochromacy



Original Color

117.6520, 1.6506, 77.4812

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.7030, 0.6394, 28.3245

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6520, 1.6506, 77.4812 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(206, 72, 121)` looks like.

```
.text, #text, p{  
    color:rgb(206, 72, 121)  
}
```

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(206, 72, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 72, 121) }
```

Border

The CSS property to change the border of an element to YUV 117.6520, 1.6506, 77.4812 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(206, 72, 121) }
```


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

```
.border{ border-color:rgb(206, 72, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 72, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 72, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 72, 121);  
box-shadow:4px 4px 4px 4px rgb(206, 72,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 117.6520, 1.6506, 77.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 72, 121) }
```

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

```
.background{ background-color: rgb(206, 72,  
121) }
```

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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