

Converting Colors

YUV(117.7110, 5.5655, 81.8145)

Have a look what the booklet for
YUV(117.7110, 5.5655, 81.8145)
contains.

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Color

**YUV(117.7110, 5.5655,
81.8145)**

Conversions

Conversions Part 1

Format	Color
Hex	D34481
RGB	211, 68, 129
RGB Percent	83%, 27%, 51%
CMY	0.1725, 0.7333, 0.4941
CMYK	0.00, 0.68, 0.39, 0.17
HSL	334°, 62%, 55%
HSV	334°, 68%, 83%
XYZ	32.8935, 19.5681, 22.8122
YIQ	117.7110, 65.6470, 49.2870

Conversions

Conversions Part 2

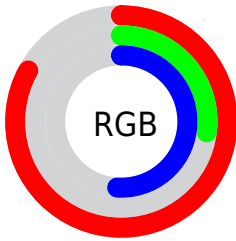
Format	Color
R _Y B	211, 68, 129
Decimal	13845633
CIE Lab	51.35, 60.76, -2.67
CIE LCh	51, 60.820, 357.481
Yxy	19.5681, 0.4370, 0.2600
Android (android.graphics.Color)	4292035713 (0xFFD34481)
YUV	117.7110, 5.5655, 81.8145
Hunter-Lab	44.2359, 55.3189, 0.3895

Details

The YUV color **117.7110, 5.5655, 81.8145** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **161.2890, -5.5655, -81.8145**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3680, 5.7346, 74.2223**, and **54.5680, 12.5380, 85.4479** is the 20% darker color. If you saturate the color by 10%, you get **104.0160, 6.4011, 93.8250**, and if you desaturate by 10%, it is **131.4060, 4.7298, 69.8039**.

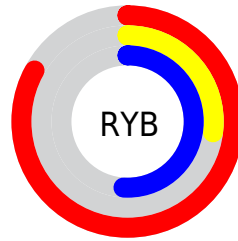
Distribution



Red (83%)

Green (27%)

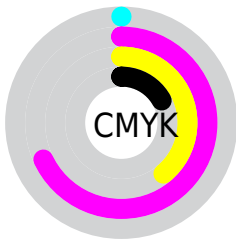
Blue (51%)



Red (83%)

Yellow (27%)

Blue (51%)

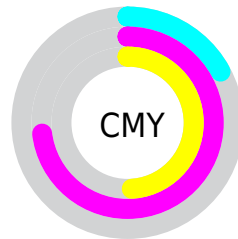


Cyan (0%)

Magenta (68%)

Yellow (39%)

Black (17%)



Cyan (17%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7110, 5.5655, 81.8145 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 117.7110, 5.5655, 81.8145 by changing the saturation by 10% instead.

■ 117.7110, 5.5655,
81.8145

■ 117.7110, 5.5655,
81.8145

■ 255.0000, 0.0000,
0.0000

■ 87.1070, 8.3282,
82.3442

■ 170.3680, 5.7346,
74.2223

■ 54.5680, 12.5380,
85.4479

■ 189.8820, 9.4252,
57.1085

■ 43.2750, 6.7664,
69.9188

■ 210.2110, 13.7000,
39.2800

■ 32.2100, 1.8685,
54.1898

■ 229.1720, 12.7332,
22.6512

■ 21.9280, -3.9085,
40.4051

■ 246.1950, 4.3409,
7.7220

■ 11.1770, -5.0173,
22.6468

■ 0.0000, 0.0000,

0.0000

■ 117.7110, 5.5655,
81.8145

■ 117.7110, 5.5655,
81.8145

■ 104.0160, 6.4011,
93.8250

■ 131.4060, 4.7298,
69.8039

■ 90.3210, 7.2367,
105.8355

■ 145.1010, 3.8942,
57.7934

■ 76.6260, 8.0724,
117.8460

■ 158.7960, 3.0586,
45.7829

■ 73.3490, 8.2089,
120.7199

■ 172.4910, 2.2229,
33.7724

■ 186.1860, 1.3873,
21.7619

■ 200.5820, 0.6991,
9.1366

■ 214.2770, -0.1366,
-2.8739

■ 227.9720, -0.9722,
-14.8844

■ 239.9060, -0.9397,
-25.3506

Harmonies

Analogous

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



124.7080, 26.7660, 48.4911



117.7110, 5.5655, 81.8145



116.3050, -18.8844, 83.9245

Triad

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



117.7110, 5.5655, 81.8145



108.7690, -50.1721, -7.6904



106.7070, 50.9234, -93.5820

Complementary

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



117.7110, 5.5655, 81.8145



161.2890, -5.5655, -81.8145

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.



104.9680, 31.5678, -92.0569



117.7110, 5.5655, 81.8145



90.5360, -13.5752, -79.4001

Square

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



117.7110, 5.5655, 81.8145



114.1160, -56.2592, 31.4703



98.9260, 8.4175, -86.7581



102.1880, 61.5323, -89.6189

Rectangle

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



117.7110, 5.5655, 81.8145



116.9880, -34.9971, 71.9245



98.9260, 8.4175, -86.7581



106.5130, 45.1031, -93.4119

Sweetspot

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



117.7110, 5.5655, 81.8145



221.7570, 2.0918, 29.1541



108.5210, 50.5221, 35.5001



107.7510, 1.1088, 17.7584



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.



117.7110, 5.5655, 81.8145



120.0390, 8.3618, 118.3608



116.6270, -23.9731, 82.7651



97.8590, 0.5625, 6.2627



58.4400, 6.6851, 96.0841



14.1970, 1.3819, 23.5062

Inverse Universe

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



117.7110, 5.5655, 81.8145



120.0390, 8.3618, 118.3608



162.3730, 23.9731, -82.7651



97.8590, 0.5625, 6.2627



58.4400, 6.6851, 96.0841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 117.7110, 5.5655, 81.8145 looks on a white background.

Color Contrast Check

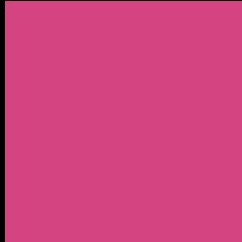
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.7110, 5.5655, 81.8145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

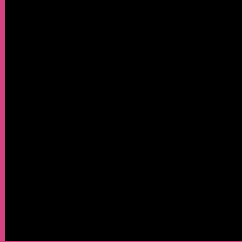
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.7110, 5.5655, 81.8145

Background



This preview shows how black text looks on a background with the YUV color 117.7110, 5.5655, 81.8145.



This preview shows how white text looks on a background with the YUV color 117.7110, 5.5655,

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

117.7110, 5.5655, 81.8145

Protanopia

123.0970, 19.6722, -9.7321

Deuteranopia

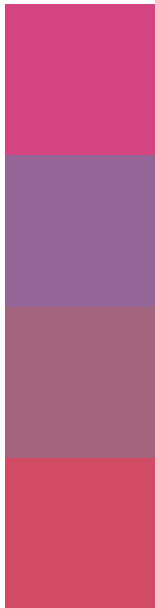
124.1260, -1.0481, 9.5365



Tritanopia

118.1410, -16.8315, 78.8063

Trichromacy



Original Color

117.7110, 5.5655, 81.8145

Protanomaly

121.3400, 14.6224, 23.3808

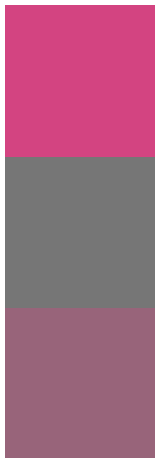
Deuteranomaly

121.6870, 1.6333, 36.2315

Tritanomaly

117.9160, -8.8326, 79.8807

Monochromacy



Original Color

117.7110, 5.5655, 81.8145

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0560, 1.9444, 29.7689

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7110, 5.5655, 81.8145 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(211, 68, 129)` looks like.

```
.text, #text, p{  
    color:rgb(211, 68, 129)  
}
```

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(211, 68, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 68, 129) }
```

Border

The CSS property to change the border of an element to YUV 117.7110, 5.5655, 81.8145 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(211, 68, 129) }
```


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

```
.border{ border-color:rgb(211, 68, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 68, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 68, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 68, 129);  
box-shadow:4px 4px 4px 4px rgb(211, 68,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 117.7110, 5.5655, 81.8145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 68, 129) }
```

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

```
.background{ background-color: rgb(211, 68,  
129) }
```

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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