

Converting Colors

YUV(111.1510, 4.8556, 76.1666)

Have a look what the booklet for
YUV(111.1510, 4.8556, 76.1666)
contains.

YUV(111.1510, 4.8556, 76.1666)	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(111.1510, 4.8556,
76.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	C64179
RGB	198, 65, 121
RGB Percent	78%, 25%, 47%
CMY	0.2235, 0.7451, 0.5255
CMYK	0.00, 0.67, 0.39, 0.22
HSL	335°, 54%, 52%
HSV	335°, 67%, 78%
XYZ	28.6302, 17.1668, 19.8937
YIQ	111.1510, 61.2920, 45.6120

Conversions

Conversions Part 2

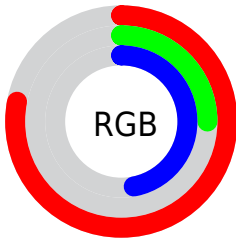
Format	Color
R_{YB}	198, 65, 121
Decimal	12992889
CIE _{Lab}	48.47, 57.28, -2.33
CIE _{LCh}	48, 57.332, 357.668
Yxy	17.1668, 0.4358, 0.2613
Android (android.graphics.Color)	4291182969 (0xFFC64179)
YUV	111.1510, 4.8556, 76.1666
Hunter-Lab	41.4329, 50.8363, 0.5353

Details

The YUV color **111.1510, 4.8556, 76.1666** 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 **151.8490, -4.8556, -76.1666**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9940, 2.9610, 77.1813**, and **49.8830, 11.3967, 78.1556** is the 20% darker color. If you saturate the color by 10%, you get **98.1570, 5.8386, 87.5623**, and if you desaturate by 10%, it is **124.1450, 3.8725, 64.7708**.

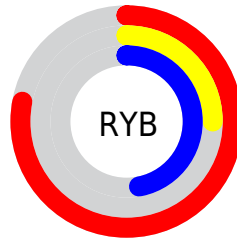
Distribution



Red (78%)

Green (25%)

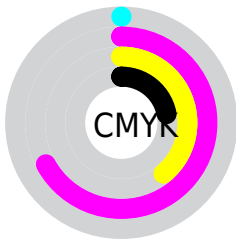
Blue (47%)



Red (78%)

Yellow (25%)

Blue (47%)

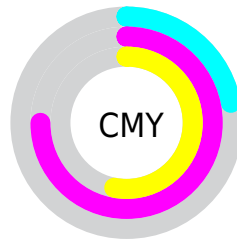


Cyan (0%)

Magenta (67%)

Yellow (39%)

Black (22%)



Cyan (22%)

Magenta (75%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.1510, 4.8556, 76.1666 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 111.1510, 4.8556, 76.1666 by changing the saturation by 10% instead.

■ 111.1510, 4.8556,
76.1666

■ 111.1510, 4.8556,
76.1666

255.0000, 0.0000,
0.0000

■ 81.4330, 7.1815,
76.7963

■ 166.9940, 2.9610,
77.1813

■ 49.8830, 11.3967,
78.1556

■ 186.6220, 7.0884,
59.9675

■ 38.8890, 5.4777,
63.2413

■ 206.2500, 11.2157,
42.7537

■ 28.1230, 0.4324,
48.1271

■ 226.2370, 14.1802,
25.2252

■ 17.5700, -7.6760,
35.4571

■ 243.2600, 5.7878,
10.2960

■ 5.3820, -2.6533,
11.0660

■ 0.0000, 0.0000,

0.0000

■ 111.1510, 4.8556,
76.1666

■ 111.1510, 4.8556,
76.1666

■ 98.1570, 5.8386,
87.5623

■ 124.1450, 3.8725,
64.7708

■ 85.0490, 6.3848,
99.0580

■ 137.2530, 3.3263,
53.2751

■ 72.6420, 7.0785,
109.9390

■ 149.6600, 2.6326,
42.3942

■ 68.6640, 7.0676,
113.4277

■ 162.7680, 2.0864,
30.8985

■ 175.7620, 1.1033,
19.5027

■ 188.8700, 0.5571,
8.0070

■ 201.8640, -0.4260,
-3.3887

■ 214.3850, -0.6828,
-14.3696

■ 227.3790, -1.6658,
-25.7654

Harmonies

Analogous

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



117.2300, 25.0296, 45.4023



111.1510, 4.8556, 76.1666



109.5000, -17.9945, 78.4915

Triad

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



111.1510, 4.8556, 76.1666



102.7350, -45.2254, -7.6606



100.5290, 47.5602, -88.1639

Complementary

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



111.1510, 4.8556, 76.1666



151.8490, -4.8556, -76.1666

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.



98.5450, 29.8043, -86.4240



111.1510, 4.8556, 76.1666



84.9110, -12.2811, -74.4669

Square

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



111.1510, 4.8556, 76.1666



107.9030, -53.1962, 29.0261



92.9590, 8.4012, -81.5250



95.7820, 57.2955, -84.0008

Rectangle

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



111.1510, 4.8556, 76.1666



110.8240, -32.9442, 66.8064



92.9590, 8.4012, -81.5250



100.4490, 42.1766, -88.0938

Sweetspot

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



111.1510, 4.8556, 76.1666



221.6430, 1.6550, 29.2541



102.5870, 47.0386, 32.8112



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.



111.1510, 4.8556, 76.1666



119.8110, 7.4882, 118.5608



110.0500, -22.2096, 77.1322



93.1470, 0.4205, 5.1331



56.6030, 6.1117, 93.3102



12.4740, 1.2453, 20.6323

Inverse Universe

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



111.1510, 4.8556, 76.1666



119.8110, 7.4882, 118.5608



152.9500, 22.2097, -77.1321



93.1470, 0.4205, 5.1331



56.6030, 6.1117, 93.3102



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 111.1510, 4.8556, 76.1666 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 111.1510, 4.8556, 76.1666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

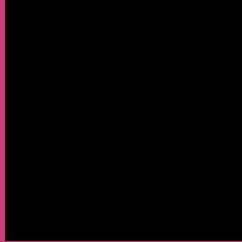
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.1510, 4.8556, 76.1666

Background



This preview shows how black text looks on a background with the YUV color 111.1510, 4.8556, 76.1666.



This preview shows how white text looks on a background with the YUV color 111.1510, 4.8556,

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

111.1510, 4.8556, 76.1666

Protanopia

115.9400, 17.7776, -8.7174

Deuteranopia

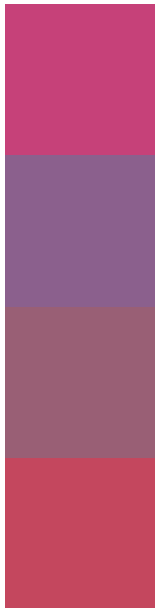
116.7130, -1.3375, 9.0217



Tritanopia

111.3360, -15.9416, 73.3733

Trichromacy



Original Color

111.1510, 4.8556, 76.1666

Protanomaly

113.9870, 13.3174, 21.9364

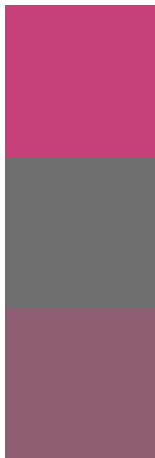
Deuteranomaly

114.8500, 1.0600, 33.4576

Tritanomaly

110.9970, -8.3795, 74.5476

Monochromacy



Original Color

111.1510, 4.8556, 76.1666

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.0450, 1.9498, 28.0245

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1510, 4.8556, 76.1666 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(198, 65, 121)` looks like.

```
.text, #text, p{  
    color:rgb(198, 65, 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(198, 65, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 65, 121) }
```

Border

The CSS property to change the border of an element to YUV 111.1510, 4.8556, 76.1666 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(198, 65, 121) }
```


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

```
.border{ border-color:rgb(198, 65, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 65, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 65, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 65, 121);  
box-shadow:4px 4px 4px 4px rgb(198, 65,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 111.1510, 4.8556, 76.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 65, 121) }
```

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

```
.background{ background-color: rgb(198, 65,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor