

Converting Colors

YUV(120.4860, -6.6486,
79.3808)

Have a look what the booklet for
YUV(120.4860, -6.6486, 79.3808)
contains.

YUV(120.4860, -6.6486, 79.3808)	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(120.4860, -6.6486,
79.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	D34D6B
RGB	211, 77, 107
RGB Percent	83%, 30%, 42%
CMY	0.1725, 0.6980, 0.5804
CMYK	0.00, 0.64, 0.49, 0.17
HSL	347°, 60%, 56%
HSV	347°, 64%, 83%
XYZ	32.1717, 20.2182, 16.1168
YIQ	120.4860, 70.2340, 37.7380

Conversions

Conversions Part 2

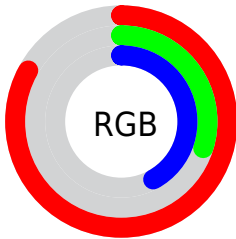
Format	Color
R_{YB}	211, 77, 107
Decimal	13847915
CIE Lab	52.08, 55.00, 11.59
CIE LCh	52, 56.203, 11.899
Yxy	20.2182, 0.4696, 0.2951
Android (android.graphics.Color)	4292037995 (0xFFD34D6B)
YUV	120.4860, -6.6486, 79.3808
Hunter-Lab	44.9646, 49.0267, 10.2238

Details

The YUV color **120.4860, -6.6486, 79.3808** 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 **167.5140, 6.6486, -79.3808**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7410, -6.7743, 73.0181**, and **57.2720, 1.3449, 82.1995** is the 20% darker color. If you saturate the color by 10%, you get **106.3350, -7.5602, 91.7912**, and if you desaturate by 10%, it is **134.6370, -5.7370, 66.9704**.

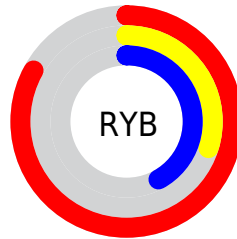
Distribution



Red (83%)

Green (30%)

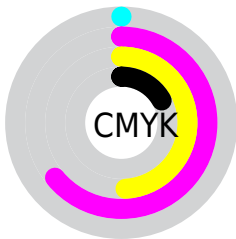
Blue (42%)



Red (83%)

Yellow (30%)

Blue (42%)

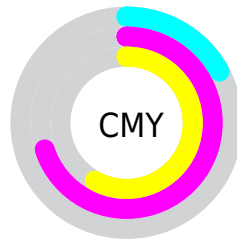


Cyan (0%)

Magenta (64%)

Yellow (49%)

Black (17%)



Cyan (17%)


Magenta (70%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.4860, -6.6486, 79.3808 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 120.4860, -6.6486, 79.3808 by changing the saturation by 10% instead.

 120.4860, -6.6486,
79.3808

 120.4860, -6.6486,
79.3808


255.0000, 0.0000,
0.0000


 91.7570, -4.3172,
78.2661


 171.7410, -6.7743,
73.0181


 57.2720, 1.3449,
82.1995


 191.2550, -3.0837,
55.9044

 40.9240, -0.9485,
71.1037


 211.4700, 0.7543,
38.1758

 29.8590, -5.8465,
55.3747

 231.0980, 4.8817,
20.9621

 19.9620, -8.8553,
40.3753

 250.3040, 2.3151,
4.1184

 10.5790, -4.7224,
21.4172

 0.0000, 0.0000,

0.0000

■ 120.4860, -6.6486,
79.3808

■ 120.4860, -6.6486,
79.3808

■ 106.3350, -7.5602,
91.7912

■ 134.6370, -5.7370,
66.9704

■ 92.0700, -8.9085,
104.3016

■ 148.9020, -4.3887,
54.4599

■ 77.9190, -9.8201,
116.7120

■ 163.0530, -3.4771,
42.0495

■ 68.4470, -10.5734,
125.0190

■ 177.3180, -2.1288,
29.5391

■ 192.0560, -1.5066,
16.6139

■ 206.2070, -0.5951,
4.2035

■ 220.4720, 0.7533,
-8.3069

■ 234.6230, 1.6649,
-20.7174

■ 241.7300, 6.0491,
-26.9502

Harmonies

Analogous

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



124.9950, 14.7925, 62.2714



120.4860, -6.6486, 79.3808



120.5840, -28.8819, 70.5248

Triad

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



120.4860, -6.6486, 79.3808



109.6750, -30.8988, -29.5330



105.6300, 54.4124, -92.6375

Complementary

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



120.4860, -6.6486, 79.3808



167.5140, 6.6486, -79.3808

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.



106.5470, 40.1563, -93.4417



120.4860, -6.6486, 79.3808



95.6030, -1.7763, -83.8438

Square

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



120.4860, -6.6486, 79.3808



115.1460, -51.8370, 13.0270



102.5910, 19.9216, -89.9723



114.2100, 51.6615, -50.1732

Rectangle

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



120.4860, -6.6486, 79.3808



119.8690, -41.3474, 55.3659



102.5910, 19.9216, -89.9723



106.5930, 50.4867, -93.4821

Sweetspot

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



120.4860, -6.6486, 79.3808



222.4920, -2.7076, 28.5095



123.0730, 43.3480, 49.9250



107.7680, -1.3646, 17.7435



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.



120.4860, -6.6486, 79.3808



124.0220, -9.3778, 114.8677



138.1980, -30.1706, 63.8474



97.5170, -0.7479, 6.5626



54.5640, -8.1661, 99.4834



13.2850, -2.1125, 24.3061

Inverse Universe

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



120.4860, -6.6486, 79.3808



124.0220, -9.3778, 114.8677



149.8020, 30.1706, -63.8474



97.5170, -0.7479, 6.5626



54.5640, -8.1661, 99.4834



13.2850, -2.1125, 24.3061

Previews

White Background



This preview shows how the YUV color 120.4860, -6.6486, 79.3808 looks on a white background.

Color Contrast Check

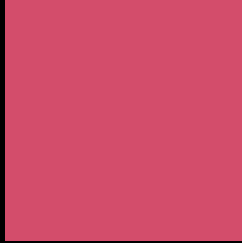
Large Text (above 18pt) WCAG AA ✓ Pass

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 120.4860, -6.6486, 79.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

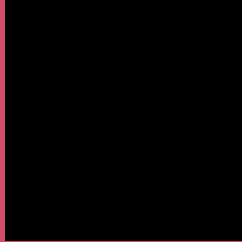
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.4860, -6.6486, 79.3808

Background



This preview shows how black text looks on a background with the YUV color 120.4860, -6.6486, 79.3808.



This preview shows how white text looks on a background with the YUV color 120.4860, -6.6486,

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

120.4860, -6.6486, 79.3808

Protanopia

125.2110, 3.3470, -0.1850

Deuteranopia

125.3090, -11.9843, 17.2690



Tritanopia

120.1410, -16.8315, 78.8063

Trichromacy



Original Color

120.4860, -6.6486, 79.3808

Protanomaly

123.4750, -0.2342, 28.5244

Deuteranomaly

123.3210, -10.0183, 40.0605

Tritanomaly

120.4660, -13.0477, 78.5213

Monochromacy



Original Color

120.4860, -6.6486, 79.3808

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9050, -2.4182, 29.0243

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.4860, -6.6486, 79.3808 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, 77, 107)` looks like.

```
.text, #text, p{  
    color:rgb(211, 77, 107)  
}
```

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, 77, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 77, 107) }
```

Border

The CSS property to change the border of an element to YUV 120.4860, -6.6486, 79.3808 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, 77, 107) }
```


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

```
.border{ border-color:rgb(211, 77, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 77, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 77, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 77, 107);  
box-shadow:4px 4px 4px 4px rgb(211, 77,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 120.4860, -6.6486, 79.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 77, 107) }
```

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

```
.background{ background-color: rgb(211, 77,  
107) }
```

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