

# Converting Colors

YUV(80.9120, 14.3404,  
114.0872)

Have a look what the booklet for  
YUV(80.9120, 14.3404, 114.0872)  
contains.

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# Color

**YUV(80.9120, 14.3404,  
114.0872)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3096E
RGB	211, 9, 110
RGB Percent	83%, 4%, 43%
CMY	0.1725, 0.9647, 0.5686
CMYK	0.00, 0.96, 0.48, 0.17
HSL	330°, 92%, 43%
HSV	330°, 96%, 83%
XYZ	29.7761, 15.1700, 16.1106
YIQ	80.9120, 87.9710, 74.2350

# Conversions

## Conversions Part 2

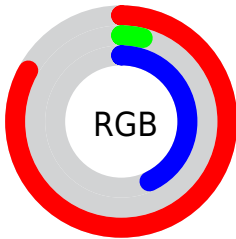
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 9, 110
Decimal	13830510
CIE <sub>Lab</sub>	45.87, 72.92, 0.88
CIE <sub>LCh</sub>	46, 72.924, 0.694
Yxy	15.1700, 0.4877, 0.2485
Android (android.graphics.Color)	4292020590 (0xFFD3096E)
YUV	80.9120, 14.3404, 114.0872
Hunter-Lab	38.9487, 68.3021, 2.7397

# Details

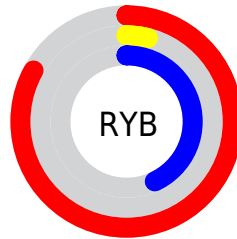
The YUV color **80.9120, 14.3404, 114.0872** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **139.0880, -14.3404, -114.0872**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.6030, 6.1117, 93.3102**, and **52.0320, 5.4072, 85.9179** is the 20% darker color. If you saturate the color by 10%, you get **75.1730, 15.1977, 119.1203**, and if you desaturate by 10%, it is **94.4930, 13.0680, 102.1766**.

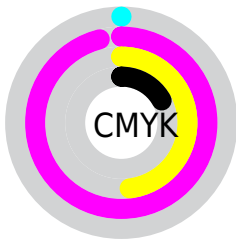
# Distribution



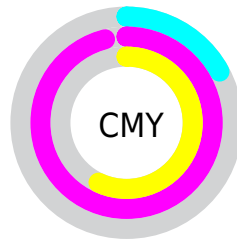
- Red (83%)
- Green (4%)
- Blue (43%)



- Red (83%)
- Yellow (4%)
- Blue (43%)



- Cyan (0%)
- Magenta (96%)
- Yellow (48%)
- Black (17%)




- Cyan (17%)
- Magenta (96%)
- Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 80.9120, 14.3404, 114.0872 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 80.9120, 14.3404, 114.0872 by changing the saturation by 10% instead.





 80.9120, 14.3404,  
114.0872


 80.9120, 14.3404,  
114.0872

255.0000, 0.0000,  
0.0000


 63.6240, 11.0314,  
102.0618


 148.6030, 6.1117,  
93.3102


 52.0320, 5.4072,  
85.9179


 169.2910, 9.2235,  
75.1668


 40.5540, 0.2199,  
69.6741


 189.5060, 13.0615,  
57.4382

 29.3040, -4.0939,  
53.2304

 210.3080, 16.6102,  
39.1949

 18.5810, -7.6814,  
37.2015

 229.1720, 12.7332,  
22.6512

 7.5890, -3.2484,  
15.2694

 246.7820, 4.0515,

 0.0000, 0.0000,

7.2072

0.0000

■ 80.9120, 14.3404,  
114.0872

■ 80.9120, 14.3404,  
114.0872

■ 75.1730, 15.1977,  
119.1203

■ 94.4930, 13.0680,  
102.1766

■ 107.9600, 11.3587,  
90.3661

■ 121.5410, 10.0863,  
78.4555

■ 135.0080, 8.3771,  
66.6450

■ 148.5890, 7.1046,  
54.7344

■ 162.6430, 5.1060,  
42.4091

■ 176.2240, 3.8336,  
30.4986

■ 189.6910, 2.1243,  
18.6880

■ 203.2720, 0.8519,  
6.7775

# Harmonies

## Analogous

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



104.3110, 32.3847, 66.3793



80.9120, 14.3404, 114.0872



92.2470, -20.8278, 100.6384

# Triad

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



80.9120, 14.3404, 114.0872



92.2450, -45.4768, -20.3859



100.9340, 56.7275, -88.5191

# Complementary

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



80.9120, 14.3404, 114.0872



139.0880, -14.3404, -114.0872

# 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.



98.0380, 35.4773, -85.9793



80.9120, 14.3404, 114.0872



81.2120, -18.8385, -71.2229

# Square

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



80.9120, 14.3404, 114.0872



101.9780, -50.2752, 25.4523



90.9700, 8.3958, -79.7807



94.5400, 67.7678, -82.9116



# Rectangle

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



80.9120, 14.3404, 114.0872



97.4270, -47.5385, 81.1865



90.9700, 8.3958, -79.7807



100.6260, 50.4704, -88.2490

# Sweetspot

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



80.9120, 14.3404, 114.0872



207.3440, 5.2534, 41.7943



62.2270, 73.3451, 41.8969



98.9630, 2.9762, 25.4654



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.



80.9120, 14.3404, 114.0872



90.8370, 18.3214, 143.9710



69.3980, -29.7762, 124.1850



97.8590, 0.5625, 6.2627



59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063



# Inverse Universe

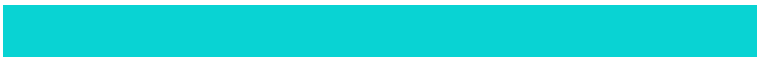
The Inverse Universe completely reimagines the original color for something new.



80.9120, 14.3404, 114.0872



90.8370, 18.3214, 143.9710



150.6020, 29.7762, -124.1850



97.8590, 0.5625, 6.2627



59.8080, 11.9267, 94.8844



14.5390, 2.6923, 23.2063



# Previews

## White Background



This preview shows how the YUV color 80.9120, 14.3404, 114.0872 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 80.9120, 14.3404, 114.0872 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

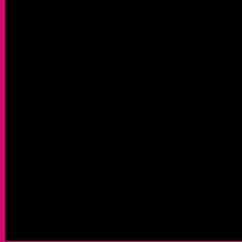
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 80.9120, 14.3404, 114.0872

## Background



This preview shows how black text looks on a background with the YUV color 80.9120, 14.3404, 114.0872.



This preview shows how white text looks on a background with the YUV color 80.9120, 14.3404,



# 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

80.9120, 14.3404, 114.0872

### Protanopia

110.1010, 23.6142, -14.1206

### Deuteranopia

110.8120, -4.8373, 11.5659



## Tritanopia

93.1500, -23.7379, 100.7235

# Trichromacy



## Original Color

80.9120, 14.3404, 114.0872

## Protanomaly

99.8880, 20.2682, 32.5472

## Deuteranomaly

100.1770, 1.8847, 48.9568

## Tritanomaly

88.5540, -9.6401, 105.6311

# Monochromacy



## Original Color

80.9120, 14.3404, 114.0872

## Achromatopsia

81.0000, 0.0000, 0.0000

## Achromatomaly

81.0450, 5.4008, 41.1795

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 80.9120, 14.3404, 114.0872 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, 9, 110)` looks like.

```
.text, #text, p{  
    color:rgb(211, 9, 110)  
}
```

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, 9, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 9, 110) }
```

## Border

The CSS property to change the border of an element to YUV 80.9120, 14.3404, 114.0872 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, 9, 110) }
```



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

```
.border{ border-color:rgb(211, 9, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 9, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 9, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 9, 110);  
box-shadow:4px 4px 4px 4px rgb(211, 9,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 80.9120, 14.3404, 114.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 9, 110) }
```

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

```
.background{ background-color: rgb(211, 9,  
110) }
```

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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