

# Converting Colors

YUV(81.8460, 17.8239,  
116.7761)

Have a look what the booklet for  
YUV(81.8460, 17.8239, 116.7761)  
contains.

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# Color

**YUV(81.8460, 17.8239,  
116.7761)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D70776
RGB	215, 7, 118
RGB Percent	84%, 3%, 46%
CMY	0.1569, 0.9725, 0.5373
CMYK	0.00, 0.97, 0.45, 0.16
HSL	328°, 94%, 44%
HSV	328°, 97%, 84%
XYZ	31.3703, 15.9070, 18.5565
YIQ	81.8460, 88.3370, 78.6170

# Conversions

## Conversions Part 2

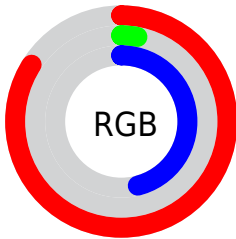
<b>Format</b>	<b>Color</b>
<b>RYB</b>	215, 7, 118
Decimal	14092150
CIELab	46.85, 74.62, -2.52
CIELCh	47, 74.666, 358.066
Yxy	15.9070, 0.4765, 0.2416
Android (android.graphics.Color)	4292282230 (0xFFD70776)
YUV	81.8460, 17.8239, 116.7761
Hunter-Lab	39.8836, 70.6022, 0.3329

# Details

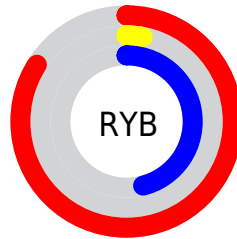
The YUV color **81.8460, 17.8239, 116.7761** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **140.1540, -17.8239, -116.7761**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6290, 10.0429, 92.4104**, and **54.0260, 7.8752, 87.6772** is the 20% darker color. If you saturate the color by 10%, you get **77.3950, 18.5393, 120.6796**, and if you desaturate by 10%, it is **95.3130, 16.1147, 104.9655**.

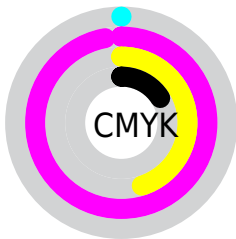
# Distribution



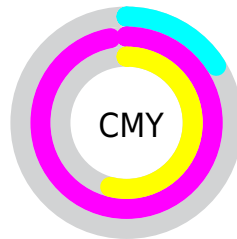
- Red (84%)
- Green (3%)
- Blue (46%)



- Red (84%)
- Yellow (3%)
- Blue (46%)



- Cyan (0%)
- Magenta (97%)
- Yellow (45%)
- Black (16%)



- Cyan (16%)
- Magenta (97%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.8460, 17.8239, 116.7761 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 81.8460, 17.8239, 116.7761 by changing the saturation by 10% instead.



81.8460, 17.8239,  
116.7761

81.8460, 17.8239,  
116.7761

255.0000, 0.0000,  
0.0000

65.6180, 13.4993,  
103.8210

149.6290, 10.0429,  
92.4104

54.0260, 7.8752,  
87.6772

170.9040, 12.8653,  
73.7522

42.5480, 2.6878,  
71.4334

191.7060, 16.4139,  
55.5088

31.1840, -2.0627,  
55.0896

212.0350, 20.6887,  
37.6803

20.0760, -8.4185,  
40.2753

229.7590, 12.4438,  
22.1364

9.6820, -4.2802,  
19.5729

247.3690, 3.7621,

0.0000, 0.0000,

6.6924

0.0000

■ 81.8460, 17.8239,  
116.7761

■ 81.8460, 17.8239,  
116.7761

■ 77.3950, 18.5393,  
120.6796

■ 95.3130, 16.1147,  
104.9655

■ 109.3670, 14.1161,  
92.6401

■ 122.8340, 12.4068,  
80.8296

■ 136.8880, 10.4082,  
68.5042

■ 150.9420, 8.4096,  
56.1789

■ 164.4090, 6.7004,  
44.3683

■ 178.4630, 4.7017,  
32.0429

■ 191.9300, 2.9925,  
20.2324

■ 205.9840, 0.9939,  
7.9070

# Harmonies

## Analogous

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



107.6850, 35.1583, 63.4203



81.8460, 17.8239, 116.7761



92.7900, -17.6445, 106.3012

# Triad

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



81.8460, 17.8239, 116.7761



95.8110, -47.2348, -16.4972



102.9230, 56.7330, -90.2635

# Complementary

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



81.8460, 17.8239, 116.7761



140.1540, -17.8239, -116.7761

# 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.



99.6850, 34.1723, -87.4237



81.8460, 17.8239, 116.7761



82.2890, -22.3275, -72.1675

# Square

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



81.8460, 17.8239, 116.7761



104.3700, -51.4544, 30.3705



92.3890, 6.2172, -81.0252



98.1590, 68.9416, -86.0854



# Rectangle

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



81.8460, 17.8239, 116.7761



99.2580, -44.4972, 85.7197



92.3890, 6.2172, -81.0252



102.5010, 50.0390, -89.8934

# Sweetspot

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



81.8460, 17.8239, 116.7761



207.6860, 6.5638, 41.4944



58.8180, 76.9977, 36.9936



99.1910, 3.8498, 25.2655



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.



81.8460, 17.8239, 116.7761



91.7490, 21.8157, 143.1711



70.3320, -26.2927, 126.8738



99.9730, 0.9993, 6.1627



61.5030, 14.5420, 96.0289



15.4790, 3.7079, 24.1359



# Inverse Universe

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



81.8460, 17.8239, 116.7761



91.7490, 21.8157, 143.1711



151.6680, 26.2927, -126.8738



99.9730, 0.9993, 6.1627



61.5030, 14.5420, 96.0289



15.4790, 3.7079, 24.1359



# Previews

## White Background



This preview shows how the YUV color 81.8460, 17.8239, 116.7761 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

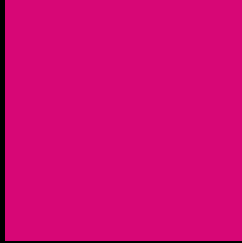
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 81.8460, 17.8239, 116.7761 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 81.8460, 17.8239, 116.7761

## Background



This preview shows how black text looks on a background with the YUV color 81.8460, 17.8239, 116.7761.



This preview shows how white text looks on a background with the YUV color 81.8460, 17.8239,



# 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

81.8460, 17.8239, 116.7761

### Protanopia

112.0450, 28.5718, -17.5795

### Deuteranopia

113.7840, -2.3585, 9.8364



## Tritanopia

96.1500, -23.7379, 100.7235

# Trichromacy



## Original Color

81.8460, 17.8239, 116.7761

## Protanomaly

101.0280, 24.6362, 31.5474

## Deuteranomaly

102.2740, 4.7949, 48.8717

## Tritanomaly

90.4940, -8.6245, 106.5608

# Monochromacy



## Original Color

81.8460, 17.8239, 116.7761

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

81.9850, 6.4164, 42.1092

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.8460, 17.8239, 116.7761 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(215, 7, 118)` looks like.

```
.text, #text, p{  
    color:rgb(215, 7, 118)  
}
```

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(215, 7, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 7, 118) }
```

## Border

The CSS property to change the border of an element to YUV 81.8460, 17.8239, 116.7761 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(215, 7, 118) }
```



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

```
.border{ border-color:rgb(215, 7, 118) }
```

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

Here you see how a box with a 4 pixel rgb(215, 7, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 7, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 7, 118);  
box-shadow:4px 4px 4px 4px rgb(215, 7,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 81.8460, 17.8239, 116.7761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 7, 118) }
```

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

```
.background{ background-color: rgb(215, 7,  
118) }
```

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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