

Converting Colors

YUV(83.1610, 16.6826,
109.4838)

Have a look what the booklet for
YUV(83.1610, 16.6826, 109.4838)
contains.

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Color

**YUV(83.1610, 16.6826,
109.4838)**

Conversions

Conversions Part 1

Format	Color
Hex	D00D75
RGB	208, 13, 117
RGB Percent	82%, 5%, 46%
CMY	0.1843, 0.9490, 0.5412
CMYK	0.00, 0.94, 0.44, 0.18
HSL	328°, 88%, 43%
HSV	328°, 94%, 82%
XYZ	29.3672, 14.9821, 18.1736
YIQ	83.1610, 82.8360, 73.6840

Conversions

Conversions Part 2

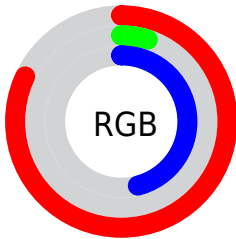
Format	Color
R_{YB}	208, 13, 117
Decimal	13634933
CIE _{Lab}	45.61, 72.46, -3.89
CIE _{LCh}	46, 72.568, 356.924
Yxy	14.9821, 0.4697, 0.2396
Android (android.graphics.Color)	4291825013 (0xFFD00D75)
YUV	83.1610, 16.6826, 109.4838
Hunter-Lab	38.7067, 67.6933, -0.7432

Details

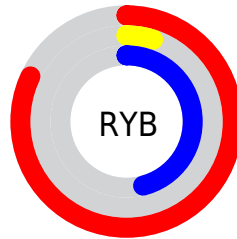
The YUV color **83.1610, 16.6826, 109.4838** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **137.8390, -16.6826, -109.4838**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5150, 9.6061, 92.5103**, and **51.8190, 8.4702, 83.4737** is the 20% darker color. If you saturate the color by 10%, you get **74.8460, 17.8239, 116.7761**, and if you desaturate by 10%, it is **96.6280, 14.9734, 97.6732**.

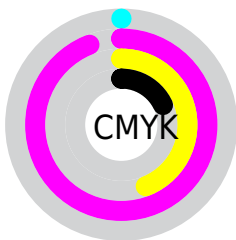
Distribution



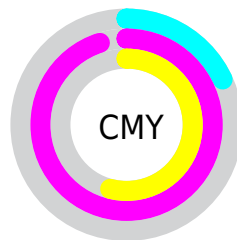
- Red (82%)
- Green (5%)
- Blue (46%)



- Red (82%)
- Yellow (5%)
- Blue (46%)



- Cyan (0%)
- Magenta (94%)
- Yellow (44%)
- Black (18%)





- Cyan (18%)
- Magenta (95%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.1610, 16.6826, 109.4838 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 83.1610, 16.6826, 109.4838 by changing the saturation by 10% instead.

 83.1610, 16.6826,
109.4838


 83.1610, 16.6826,
109.4838


255.0000, 0.0000,
0.0000


 63.4110, 14.0944,
99.6176


 149.5150, 9.6061,
92.5103


 51.8190, 8.4702,
83.4737


 170.2030, 12.7179,
74.3670


 40.3410, 3.2829,
67.2299


 191.0050, 16.2665,
56.1236

 29.3900, -1.1783,
51.4010

 211.3340, 20.5413,
38.2951

 18.2820, -7.5340,
36.5867

 229.1720, 12.7332,
22.6512

 6.5780, -3.2430,
13.5251

 246.7820, 4.0515,

 0.0000, 0.0000,

7.2072

0.0000

■ 83.1610, 16.6826,
109.4838

■ 83.1610, 16.6826,
109.4838

■ 74.8460, 17.8239,
116.7761

■ 96.6280, 14.9734,
97.6732

■ 109.9810, 12.8274,
85.9627

■ 122.8610, 11.4075,
74.6669

■ 136.3280, 9.6983,
62.8563

■ 149.7950, 7.9891,
51.0458

■ 163.1480, 5.8430,
39.3352

■ 176.6150, 4.1338,
27.5246

■ 189.4950, 2.7140,
16.2289

■ 202.8480, 0.5679,
4.5183

Harmonies

Analogous

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



105.7230, 34.1536, 59.0019



83.1610, 16.6826, 109.4838



89.8220, -16.1812, 103.6421

Triad

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



83.1610, 16.6826, 109.4838



93.7620, -46.2247, -13.8233



100.2500, 54.1067, -87.9193

Complementary

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



83.1610, 16.6826, 109.4838



137.8390, -16.6826, -109.4838

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.



97.1260, 31.9829, -85.1795



83.1610, 16.6826, 109.4838



79.5990, -22.4803, -69.8083

Square

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



83.1610, 16.6826, 109.4838



102.0110, -50.2914, 30.6854



89.4710, 5.1908, -78.4661



95.6000, 66.7522, -83.8412

Rectangle

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



83.1610, 16.6826, 109.4838



96.8710, -40.8554, 84.3051



89.4710, 5.1908, -78.4661



99.8280, 47.4128, -87.5492

Sweetspot

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



83.1610, 16.6826, 109.4838



209.5610, 6.1324, 39.8500



62.4390, 71.7616, 36.4490



99.7780, 3.5604, 24.7507



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.



83.1610, 16.6826, 109.4838



91.7490, 21.8157, 143.1711



71.9890, -26.1236, 119.2816



97.9730, 0.9993, 6.1627



60.4920, 14.5474, 94.2845



14.7670, 3.5659, 23.0063

Inverse Universe

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



83.1610, 16.6826, 109.4838



91.7490, 21.8157, 143.1711



149.0110, 26.1236, -119.2816



97.9730, 0.9993, 6.1627



60.4920, 14.5474, 94.2845



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 83.1610, 16.6826, 109.4838 looks on a white background.

Color Contrast Check

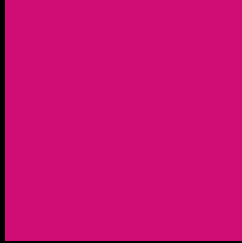
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.1610, 16.6826, 109.4838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

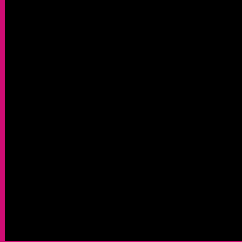
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1610, 16.6826, 109.4838

Background



This preview shows how black text looks on a background with the YUV color 83.1610, 16.6826, 109.4838.



This preview shows how white text looks on a background with the YUV color 83.1610, 16.6826,

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

83.1610, 16.6826, 109.4838

Protanopia

108.7460, 28.7192, -18.1942

Deuteranopia

110.4140, -1.1901, 8.4069



Tritanopia

94.0570, -22.7061, 96.4200

Trichromacy



Original Color

83.1610, 16.6826, 109.4838



Protanomaly

99.3050, 24.4996, 28.6735



Deuteranomaly

100.3660, 5.2426, 45.2830



Tritanomaly

90.1620, -8.4609, 100.7129

Monochromacy



Original Color

83.1610, 16.6826, 109.4838



Achromatopsia

83.0000, 0.0000, 0.0000



Achromatomaly

83.1480, 5.8430, 39.3352

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1610, 16.6826, 109.4838 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(208, 13, 117)` looks like.

```
.text, #text, p{  
    color:rgb(208, 13, 117)  
}
```

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(208, 13, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 13, 117) }
```

Border

The CSS property to change the border of an element to YUV 83.1610, 16.6826, 109.4838 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(208, 13, 117) }
```


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

```
.border{ border-color:rgb(208, 13, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 13, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 13, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 13, 117);  
box-shadow:4px 4px 4px 4px rgb(208, 13,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 83.1610, 16.6826, 109.4838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 13, 117) }
```

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

```
.background{ background-color: rgb(208, 13,  
117) }
```

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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