

Converting Colors

YUV(84.7510, 8.5038, 119.4904)

Have a look what the booklet for
YUV(84.7510, 8.5038, 119.4904)
contains.

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Color

**YUV(84.7510, 8.5038,
119.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	DD0C66
RGB	221, 12, 102
RGB Percent	87%, 5%, 40%
CMY	0.1333, 0.9529, 0.6000
CMYK	0.00, 0.95, 0.54, 0.13
HSL	334°, 90%, 46%
HSV	334°, 95%, 87%
XYZ	32.3485, 16.5944, 14.0685
YIQ	84.7510, 95.6740, 72.2980

Conversions

Conversions Part 2

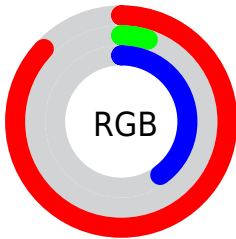
Format	Color
RYB	221, 12, 102
Decimal	14486630
CIELab	47.74, 74.33, 8.80
CIELCh	48, 74.850, 6.748
Yxy	16.5944, 0.5134, 0.2634
Android (android.graphics.Color)	4292676710 (0xFFDD0C66)
YUV	84.7510, 8.5038, 119.4904
Hunter-Lab	40.7362, 70.4580, 8.0393

Details

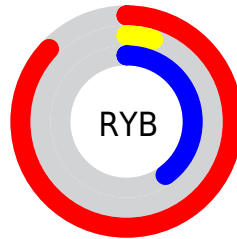
The YUV color **84.7510, 8.5038, 119.4904** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **148.2490, -8.5038, -119.4904**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8650, 2.0386, 93.0804**, and **53.9250, 1.0230, 92.1508** is the 20% darker color. If you saturate the color by 10%, you get **76.9090, 8.9189, 126.3678**, and if you desaturate by 10%, it is **99.1470, 7.8155, 106.8651**.

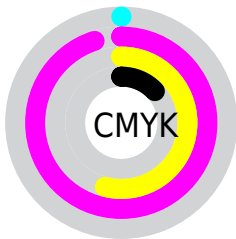
Distribution



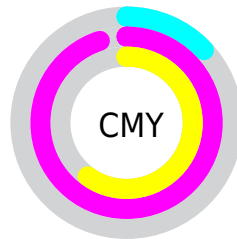
- Red (87%)
- Green (5%)
- Blue (40%)



- Red (87%)
- Yellow (5%)
- Blue (40%)



- Cyan (0%)
- Magenta (95%)
- Yellow (54%)
- Black (13%)





- Cyan (13%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.7510, 8.5038, 119.4904 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 84.7510, 8.5038, 119.4904 by changing the saturation by 10% instead.

 84.7510, 8.5038,
119.4904


 84.7510, 8.5038,
119.4904


255.0000, 0.0000,
0.0000


 65.7020, 6.0629,
109.0093


 148.8650, 2.0386,
93.0804


 53.9250, 1.0230,
92.1508


 170.0260, 4.4242,
74.5222


 42.2620, -3.5802,
75.1922


 190.2410, 8.2622,
56.7936

 30.7840, -8.7675,
58.9484

 211.0430, 11.8108,
38.5503

 20.9730, -8.8607,
42.1197

 230.9330, 11.8650,
21.1068

 10.5790, -4.7224,
21.4172

 248.5430, 3.1833,

 0.0000, 0.0000,

5.6628

0.0000

■ 84.7510, 8.5038,
119.4904

■ 84.7510, 8.5038,
119.4904

■ 76.9090, 8.9189,
126.3678

■ 99.1470, 7.8155,
106.8651

■ 113.4290, 6.6905,
94.3398

■ 127.8250, 6.0023,
81.7145

■ 142.1070, 4.8772,
69.1892

■ 157.0900, 3.8996,
56.0491

■ 171.3720, 2.7746,
43.5238

■ 185.7680, 2.0864,
30.8985

■ 200.1640, 1.3981,
18.2732

■ 214.4460, 0.2731,
5.7479

Harmonies

Analogous

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



105.1880, 28.9943, 80.5191



84.7510, 8.5038, 119.4904



99.4610, -28.8213, 97.8197

Triad

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



84.7510, 8.5038, 119.4904



92.1570, -45.4334, -34.3407



104.2910, 61.9745, -91.4632

Complementary

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



84.7510, 8.5038, 119.4904



148.2490, -8.5038, -119.4904

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.



103.0250, 41.8927, -90.3529



84.7510, 8.5038, 119.4904



87.2590, -13.4387, -76.5261

Square

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



84.7510, 8.5038, 119.4904



104.8800, -51.7058, 17.6452



96.5440, 14.5218, -84.6691



96.0390, 70.9728, -84.2262

Rectangle

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



84.7510, 8.5038, 119.4904



103.7700, -51.1586, 75.6237



96.5440, 14.5218, -84.6691



104.7980, 56.3016, -91.9078

Sweetspot

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



84.7510, 8.5038, 119.4904



208.6490, 2.6380, 40.6498



71.1080, 73.8968, 51.6483



99.3220, 1.8133, 25.1506



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.



84.7510, 8.5038, 119.4904



88.7850, 10.4590, 145.7706



82.7090, -34.8595, 121.2812



102.7450, 0.1257, 6.3626



60.2770, 7.2584, 98.8581



16.0340, 1.9552, 26.2802

Inverse Universe

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



84.7510, 8.5038, 119.4904



88.7850, 10.4590, 145.7706



150.2910, 34.8595, -121.2812



102.7450, 0.1257, 6.3626



60.2770, 7.2584, 98.8581



16.0340, 1.9552, 26.2802

Previews

White Background



This preview shows how the YUV color 84.7510, 8.5038, 119.4904 looks on a white background.

Color Contrast Check

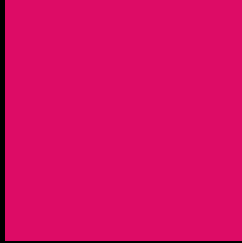
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.7510, 8.5038, 119.4904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

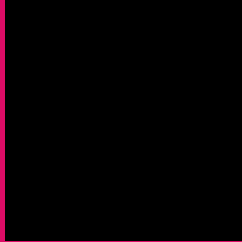
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.7510, 8.5038, 119.4904

Background



This preview shows how black text looks on a background with the YUV color 84.7510, 8.5038, 119.4904.



This preview shows how white text looks on a background with the YUV color 84.7510, 8.5038,

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

84.7510, 8.5038, 119.4904

Protanopia

114.7830, 15.8830, -7.7027

Deuteranopia

114.9390, -10.8159, 15.8395



Tritanopia

94.5100, -26.3804, 108.3007

Trichromacy



Original Color

84.7510, 8.5038, 119.4904



Protanomaly

103.7980, 13.4106, 38.7652



Deuteranomaly

103.7170, -3.8045, 53.7452



Tritanomaly

90.8600, -13.7350, 112.3788

Monochromacy



Original Color

84.7510, 8.5038, 119.4904



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

84.4860, 3.2114, 43.4238

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7510, 8.5038, 119.4904 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(221, 12, 102)` looks like.

```
.text, #text, p{  
    color:rgb(221, 12, 102)  
}
```

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(221, 12, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 12, 102) }
```

Border

The CSS property to change the border of an element to YUV 84.7510, 8.5038, 119.4904 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(221, 12, 102) }
```


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

```
.border{ border-color:rgb(221, 12, 102) }
```

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

Here you see how a box with a 4 pixel rgb(221, 12, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 12, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 12, 102);  
box-shadow:4px 4px 4px 4px rgb(221, 12,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 84.7510, 8.5038, 119.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 12, 102) }
```

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

```
.background{ background-color: rgb(221, 12,  
102) }
```

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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