

Converting Colors

YUV(114.7500, 3.0813, 85.2883)

Have a look what the booklet for
YUV(114.7500, 3.0813, 85.2883)
contains.

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Color

**YUV(114.7500, 3.0813,
85.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	D44079
RGB	212, 64, 121
RGB Percent	83%, 25%, 47%
CMY	0.1686, 0.7490, 0.5255
CMYK	0.00, 0.70, 0.43, 0.17
HSL	337°, 63%, 54%
HSV	337°, 70%, 83%
XYZ	32.4360, 19.0443, 20.0555
YIQ	114.7500, 69.9110, 49.1030

Conversions

Conversions Part 2

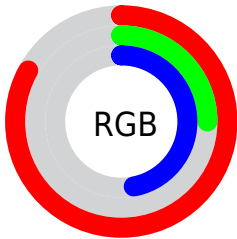
Format	Color
R_{YB}	212, 64, 121
Decimal	13910137
CIE _{Lab}	50.74, 61.74, 1.27
CIE _{LCh}	51, 61.753, 1.181
Yxy	19.0443, 0.4534, 0.2662
Android (android.graphics.Color)	4292100217 (0xFFD44079)
YUV	114.7500, 3.0813, 85.2883
Hunter-Lab	43.6398, 56.3033, 3.3000

Details

The YUV color **114.7500, 3.0813, 85.2883** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **161.2500, -3.0812, -85.2883**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5810, 2.6716, 76.6665**, and **53.7700, 9.4804, 86.1477** is the 20% darker color. If you saturate the color by 10%, you get **100.9410, 3.4801, 97.3987**, and if you desaturate by 10%, it is **128.5590, 2.6824, 73.1778**.

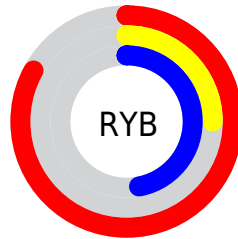
Distribution



Red (83%)

Green (25%)

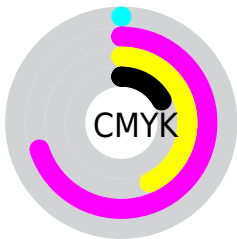
Blue (47%)



Red (83%)

Yellow (25%)

Blue (47%)

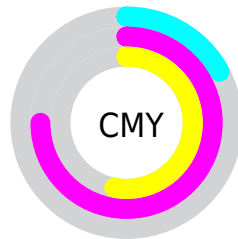


Cyan (0%)

Magenta (70%)

Yellow (43%)

Black (17%)



Cyan (17%)

Magenta (75%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7500, 3.0813, 85.2883 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 114.7500, 3.0813, 85.2883 by changing the saturation by 10% instead.

 114.7500, 3.0813,
85.2883


 114.7500, 3.0813,
85.2883

255.0000, 0.0000,
0.0000


 82.9720, 6.4228,
86.8476


 167.5810, 2.6716,
76.6665


 53.7700, 9.4804,
86.1477


 187.0950, 6.3622,
59.5527


 42.4770, 3.7088,
70.6187


 207.3100, 10.2002,
41.8241

 31.5260, -0.7523,
54.7897

 227.4110, 13.6014,
24.1956

 20.6740, -8.7133,
41.5049

 244.4340, 5.2090,
9.2664

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 114.7500, 3.0813,
85.2883

■ 114.7500, 3.0813,
85.2883

■ 100.9410, 3.4801,
97.3987

■ 128.5590, 2.6824,
73.1778

■ 87.1320, 3.8789,
109.5092

■ 142.3680, 2.2836,
61.0673

■ 72.7360, 4.5672,
122.1345

■ 156.7640, 1.5953,
48.4420

■ 170.5730, 1.1965,
36.3315

■ 184.3820, 0.7977,
24.2210

■ 198.1910, 0.3988,
12.1105

■ 212.0000, 0.0000,
0.0000

■ 226.3960, -0.6882,
-12.6253

■ 240.2050, -1.0871,
-24.7358

Harmonies

Analogous

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



121.8830, 24.7077, 55.3536



114.7500, 3.0813, 85.2883



114.7950, -22.0839, 83.4948

Triad

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



114.7500, 3.0813, 85.2883



106.1210, -47.3877, -14.1381



105.8750, 52.8126, -92.8524

Complementary

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



114.7500, 3.0813, 85.2883



161.2500, -3.0812, -85.2883

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.



104.3640, 34.3305, -91.5272



114.7500, 3.0813, 85.2883



90.4050, -11.5387, -79.2852

Square

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



114.7500, 3.0813, 85.2883



112.6100, -55.5167, 26.6520



98.9090, 10.8909, -86.7432



100.4270, 62.4005, -88.0745

Rectangle

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



114.7500, 3.0813, 85.2883



115.4670, -38.1912, 69.7504



98.9090, 10.8909, -86.7432



105.7950, 47.4291, -92.7822

Sweetspot

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



114.7500, 3.0813, 85.2883



219.5400, 1.2128, 31.0984



107.4830, 51.5269, 39.9184



106.9360, 0.5246, 18.4731



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.



114.7500, 3.0813, 85.2883



114.3340, 4.2723, 123.3641



117.0570, -26.1571, 83.2650



99.8590, 0.5625, 6.2627



58.6530, 3.6221, 98.5283



14.7950, 1.0871, 24.7358

Inverse Universe

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



114.7500, 3.0813, 85.2883



114.3340, 4.2723, 123.3641



158.9430, 26.1571, -83.2650



99.8590, 0.5625, 6.2627



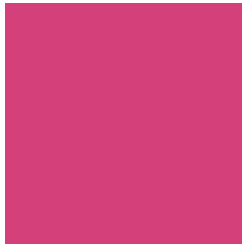
58.6530, 3.6221, 98.5283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 114.7500, 3.0813, 85.2883 looks on a white background.

Color Contrast Check

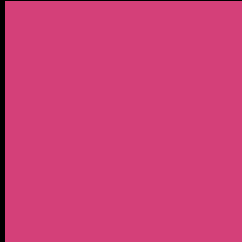
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.7500, 3.0813, 85.2883 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 114.7500, 3.0813, 85.2883

Background



This preview shows how black text looks on a background with the YUV color 114.7500, 3.0813, 85.2883.



This preview shows how white text looks on a background with the YUV color 114.7500, 3.0813,

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

114.7500, 3.0813, 85.2883

Protanopia

121.8970, 16.3198, -7.8027

Deuteranopia

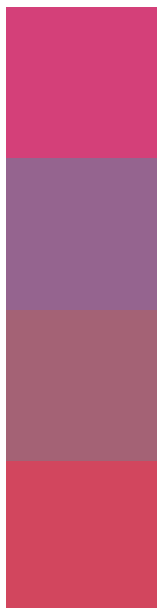
122.3390, -4.1111, 11.9807



Tritanopia

114.8210, -18.1528, 82.5950

Trichromacy



Original Color

114.7500, 3.0813, 85.2883

Protanomaly

119.5530, 11.5594, 25.8250

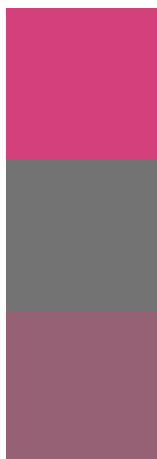
Deuteranomaly

119.9000, -1.4297, 38.6757

Tritanomaly

114.5960, -10.1538, 83.6693

Monochromacy



Original Color

114.7500, 3.0813, 85.2883

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.5400, 1.2128, 31.0984

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7500, 3.0813, 85.2883 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(212, 64, 121)` looks like.

```
.text, #text, p{  
    color:rgb(212, 64, 121)  
}
```

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(212, 64, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 64, 121) }
```

Border

The CSS property to change the border of an element to YUV 114.7500, 3.0813, 85.2883 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(212, 64, 121) }
```


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

```
.border{ border-color:rgb(212, 64, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 64, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 64, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 64, 121);  
box-shadow:4px 4px 4px 4px rgb(212, 64,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 114.7500, 3.0813, 85.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 64, 121) }
```

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

```
.background{ background-color: rgb(212, 64,  
121) }
```

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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