

Converting Colors

YUV(113.8570, 4.0145, 65.9004)

Have a look what the booklet for
YUV(113.8570, 4.0145, 65.9004)
contains.

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Color

**YUV(113.8570, 4.0145,
65.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4A7A
RGB	189, 74, 122
RGB Percent	74%, 29%, 48%
CMY	0.2588, 0.7098, 0.5216
CMYK	0.00, 0.61, 0.35, 0.26
HSL	335°, 47%, 52%
HSV	335°, 61%, 74%
XYZ	26.9479, 17.1215, 20.2968
YIQ	113.8570, 53.1320, 39.3080

Conversions

Conversions Part 2

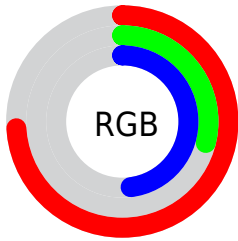
Format	Color
RYB	189, 74, 122
Decimal	12405370
CIELab	48.41, 50.83, -3.19
CIELCh	48, 50.931, 356.406
Yxy	17.1215, 0.4187, 0.2660
Android (android.graphics.Color)	4290595450 (0xFFBD4A7A)
YUV	113.8570, 4.0145, 65.9004
Hunter-Lab	41.3782, 43.8380, -0.1182

Details

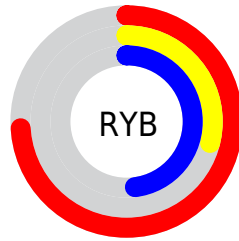
The YUV color **113.8570, 4.0145, 65.9004** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **149.1430, -4.0145, -65.9004**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1240, 2.4039, 69.1743**, and **54.3610, 9.6820, 68.0894** is the 20% darker color. If you saturate the color by 10%, you get **101.4500, 4.7082, 76.7814**, and if you desaturate by 10%, it is **126.2640, 3.3208, 55.0195**.

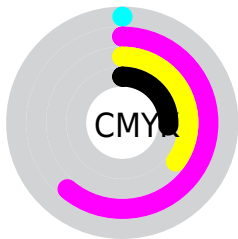
Distribution



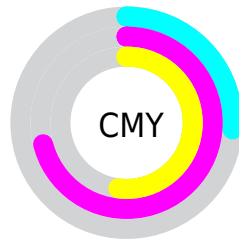
- Red (74%)
- Green (29%)
- Blue (48%)



- Red (74%)
- Yellow (29%)
- Blue (48%)



- Cyan (0%)
- Magenta (61%)
- Yellow (35%)
- Black (26%)



- Cyan (26%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.8570, 4.0145, 65.9004 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 113.8570, 4.0145, 65.9004 by changing the saturation by 10% instead.


 113.8570, 4.0145,
65.9004

 113.8570, 4.0145,
65.9004


255.0000, 0.0000,
0.0000

 85.9000, 5.4723,
64.9857

 169.1240, 2.4039,
69.1743

 54.3610, 9.6820,
68.0894


 190.8450, 5.4994,
56.2639


 36.9100, 6.9464,
58.8379


 210.4730, 9.6268,
39.0502

 26.1440, 1.9010,
43.7237

 229.7590, 12.4438,
22.1364

 16.1890, -6.5022,
32.2832

 246.7820, 4.0515,
7.2072

 0.5980, -0.2948,
1.2296

 0.0000, 0.0000,

0.0000

■ 113.8570, 4.0145,
65.9004

■ 113.8570, 4.0145,
65.9004

■ 101.4500, 4.7082,
76.7814

■ 126.2640, 3.3208,
55.0195

■ 89.0430, 5.4018,
87.6623

■ 138.6710, 2.6272,
44.1385

■ 76.6360, 6.0955,
98.5432

■ 151.0780, 1.9335,
33.2576

■ 65.5170, 6.6471,
108.2946

■ 163.4850, 1.2399,
22.3767

■ 175.8920, 0.5462,
11.4957

■ 187.7120, 0.1420,
1.1296

■ 200.1190, -0.5517,
-9.7514

■ 212.5260, -1.2453,
-20.6323

■ 224.9330, -1.9390,
-31.5132

Harmonies

Analogous

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



118.0890, 22.1411, 38.5099



113.8570, 4.0145, 65.9004



111.9010, -16.2202, 69.3698

Triad

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



113.8570, 4.0145, 65.9004



105.9940, -37.9580, -5.2567



98.1010, 43.3342, -86.0346

Complementary

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



113.8570, 4.0145, 65.9004



149.1430, -4.0145, -65.9004

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.



96.5730, 27.3255, -84.6945



113.8570, 4.0145, 65.9004



95.3700, -14.9724, -51.1905

Square

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



113.8570, 4.0145, 65.9004



109.3680, -45.0444, 27.7413



91.5570, 8.1064, -80.2955



93.9410, 52.7801, -82.3863

Rectangle

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



113.8570, 4.0145, 65.9004



111.9310, -28.5600, 60.5735



91.5570, 8.1064, -80.2955



98.2490, 38.8242, -86.1644

Sweetspot

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



113.8570, 4.0145, 65.9004



216.2080, 1.3765, 25.2506



106.5450, 40.6503, 28.4630



104.4410, 1.2616, 15.3992



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



113.8570, 4.0145, 65.9004



128.0710, 6.3740, 102.5467



113.0810, -19.2669, 66.5810



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584

Inverse Universe

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



113.8570, 4.0145, 65.9004



128.0710, 6.3740, 102.5467



149.9190, 19.2669, -66.5810



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584

Previews

White Background



This preview shows how the YUV color 113.8570, 4.0145, 65.9004 looks on a white background.

Color Contrast Check

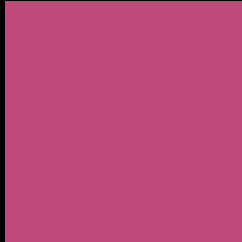
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.8570, 4.0145, 65.9004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

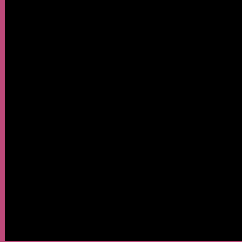
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8570, 4.0145, 65.9004

Background



This preview shows how black text looks on a background with the YUV color 113.8570, 4.0145, 65.9004.



This preview shows how white text looks on a background with the YUV color 113.8570, 4.0145,

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

113.8570, 4.0145, 65.9004

Protanopia

115.7830, 15.8830, -7.7027

Deuteranopia

116.6420, -0.3165, 8.2070



Tritanopia

113.0790, -12.8569, 63.9517

Trichromacy



Original Color

113.8570, 4.0145, 65.9004

Protanomaly

114.9220, 11.8705, 19.3624

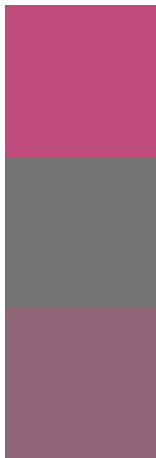
Deuteranomaly

115.5290, 1.2182, 29.3541

Tritanomaly

113.0990, -6.4578, 64.8112

Monochromacy



Original Color

113.8570, 4.0145, 65.9004

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.6100, 1.6713, 24.0210

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8570, 4.0145, 65.9004 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(189, 74, 122)` looks like.

```
.text, #text, p{  
  color:rgb(189, 74, 122)  
}
```

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(189, 74, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 74, 122) }
```

Border

The CSS property to change the border of an element to YUV 113.8570, 4.0145, 65.9004 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(189, 74, 122) }
```


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

```
.border{ border-color:rgb(189, 74, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 74, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 74, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 74, 122);  
box-shadow:4px 4px 4px 4px rgb(189, 74,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 113.8570, 4.0145, 65.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 74, 122) }
```

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

```
.background{ background-color: rgb(189, 74,  
122) }
```

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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