

Converting Colors

YUV(113.9170, 2.9989, 64.9708)

Have a look what the booklet for
YUV(113.9170, 2.9989, 64.9708)
contains.

YUV(113.9170, 2.9989, 64.9708)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(113.9170, 2.9989,
64.9708)**

Conversions

Conversions Part 1

Format	Color
Hex	BC4B78
RGB	188, 75, 120
RGB Percent	74%, 29%, 47%
CMY	0.2627, 0.7059, 0.5294
CMYK	0.00, 0.60, 0.36, 0.26
HSL	336°, 46%, 52%
HSV	336°, 60%, 74%
XYZ	26.6453, 17.0796, 19.6616
YIQ	113.9170, 52.9030, 37.9510

Conversions

Conversions Part 2

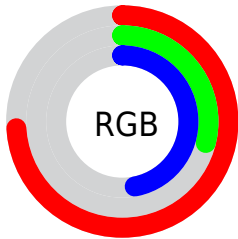
Format	Color
R_{YB}	188, 75, 120
Decimal	12340088
CIE _{Lab}	48.36, 49.82, -2.08
CIE _{LCh}	48, 49.867, 357.611
Yxy	17.0796, 0.4204, 0.2695
Android (android.graphics.Color)	4290530168 (0xFFBC4B78)
YUV	113.9170, 2.9989, 64.9708
Hunter-Lab	41.3275, 42.7622, 0.7219

Details

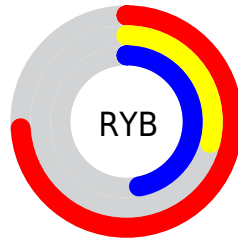
The YUV color **113.9170, 2.9989, 64.9708** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **149.0830, -2.9989, -64.9708**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1840, 1.3883, 68.2446**, and **55.5950, 8.0877, 66.1302** is the 20% darker color. If you saturate the color by 10%, you get **101.5100, 3.6926, 75.8517**, and if you desaturate by 10%, it is **126.3240, 2.3053, 54.0899**.

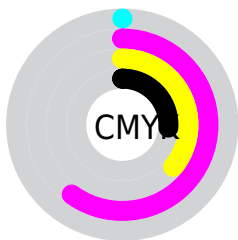
Distribution



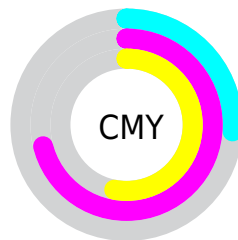
- Red (74%)
- Green (29%)
- Blue (47%)



- Red (74%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (60%)
- Yellow (36%)
- Black (26%)




- Cyan (26%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.9170, 2.9989, 64.9708 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 113.9170, 2.9989, 64.9708 by changing the saturation by 10% instead.


 113.9170, 2.9989,
64.9708

 113.9170, 2.9989,
64.9708


255.0000, 0.0000,
0.0000


 86.5470, 4.1673,
63.5413

 169.1840, 1.3883,
68.2446

 55.5950, 8.0877,
66.1302

 190.5030, 4.1890,
56.5639

 36.3830, 6.2202,
58.4231


 210.1310, 8.3164,
39.3501

 26.0300, 1.4642,
43.8237

 230.3460, 12.1544,
21.6216

 15.7760, -6.7916,
31.7684

 247.3690, 3.7621,
6.6924

 0.0000, 0.0000,
0.0000

■ 113.9170, 2.9989,
64.9708

■ 113.9170, 2.9989,
64.9708

■ 101.5100, 3.6926,
75.8517

■ 126.3240, 2.3053,
54.0899

■ 88.9890, 3.9494,
86.8326

■ 138.8450, 2.0484,
43.1089

■ 77.1690, 4.3537,
97.1988

■ 150.6650, 1.6442,
32.7428

■ 64.7620, 5.0473,
108.0797

■ 163.0720, 0.9505,
21.8619

■ 175.5930, 0.6937,
10.8809

■ 188.0000, 0.0000,
0.0000

■ 200.4070, -0.6937,
-10.8809

■ 212.3410, -0.6611,

-21.3471

■ 224.7480, -1.3548,
-32.2280

Harmonies

Analogous

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



118.1600, 21.1201, 39.3247



113.9170, 2.9989, 64.9708



111.7760, -16.6516, 67.7254

Triad

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



113.9170, 2.9989, 64.9708



105.8520, -35.9160, -6.8862



97.4000, 43.1868, -85.4198

Complementary

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



113.9170, 2.9989, 64.9708



149.0830, -2.9989, -64.9708

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.



96.6870, 27.7623, -84.7945



113.9170, 2.9989, 64.9708



95.2990, -13.9514, -52.0052

Square

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



113.9170, 2.9989, 64.9708



109.6990, -43.7286, 25.6970



91.7850, 8.9800, -80.4954



93.7130, 51.9065, -82.1863

Rectangle

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



113.9170, 2.9989, 64.9708



111.9200, -28.5546, 58.8292



91.7850, 8.9800, -80.4954



97.5480, 38.6768, -85.5496

Sweetspot

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



113.9170, 2.9989, 64.9708



216.0940, 0.9397, 25.3506



108.2140, 39.3345, 30.5073



104.3270, 0.8248, 15.4992



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.



113.9170, 2.9989, 64.9708



129.6040, 4.6322, 101.2023



115.2440, -19.8403, 63.8070



88.1470, 0.4205, 5.1331



54.4240, 4.2280, 90.8362



10.6370, 0.6720, 17.8584

Inverse Universe

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



113.9170, 2.9989, 64.9708



129.6040, 4.6322, 101.2023



147.7560, 19.8403, -63.8070



88.1470, 0.4205, 5.1331



54.4240, 4.2280, 90.8362



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 113.9170, 2.9989, 64.9708 looks on a white background.

Color Contrast Check

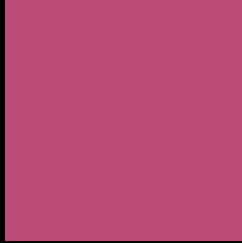
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.9170, 2.9989, 64.9708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

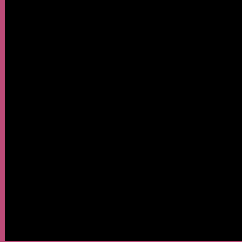
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.9170, 2.9989, 64.9708

Background



This preview shows how black text looks on a background with the YUV color 113.9170, 2.9989, 64.9708.



This preview shows how white text looks on a background with the YUV color 113.9170, 2.9989,

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

113.9170, 2.9989, 64.9708

Protanopia

115.7400, 14.4252, -6.7880

Deuteranopia

116.7130, -1.3375, 9.0217



Tritanopia

113.3670, -12.9989, 62.8221

Trichromacy



Original Color

113.9170, 2.9989, 64.9708

Protanomaly

115.1670, 10.2707, 19.1475

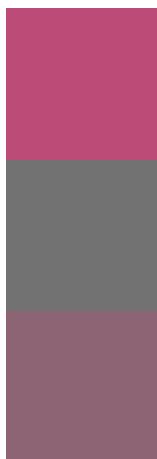
Deuteranomaly

115.8880, 0.0552, 29.0392

Tritanomaly

113.2730, -7.0366, 63.7816

Monochromacy



Original Color

113.9170, 2.9989, 64.9708

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0830, 0.9451, 23.6062

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.9170, 2.9989, 64.9708 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(188, 75, 120)` looks like.

```
.text, #text, p{  
    color:rgb(188, 75, 120)  
}
```

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(188, 75, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 75, 120) }
```

Border

The CSS property to change the border of an element to YUV 113.9170, 2.9989, 64.9708 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(188, 75, 120) }
```


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

```
.border{ border-color:rgb(188, 75, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 75, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 75, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 75, 120);  
box-shadow:4px 4px 4px 4px rgb(188, 75,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 113.9170, 2.9989, 64.9708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 75, 120) }
```

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

```
.background{ background-color: rgb(188, 75,  
120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor