

Converting Colors

YUV(116.7930, 17.8501,
61.5715)

Have a look what the booklet for
YUV(116.7930, 17.8501, 61.5715)
contains.

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Color

**YUV(116.7930, 17.8501,
61.5715)**

Conversions

Conversions Part 1

Format	Color
Hex	BB4A99
RGB	187, 74, 153
RGB Percent	73%, 29%, 60%
CMY	0.2667, 0.7098, 0.4000
CMYK	0.00, 0.60, 0.18, 0.27
HSL	318°, 45%, 51%
HSV	318°, 60%, 73%
XYZ	28.6921, 17.7623, 32.0532
YIQ	116.7930, 41.9890, 48.5250

Conversions

Conversions Part 2

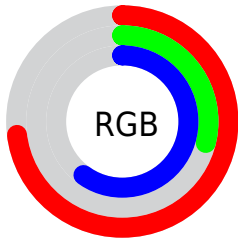
Format	Color
R_{YB}	187, 74, 153
Decimal	12274329
CIE _{Lab}	49.21, 54.35, -20.62
CIE _{LCh}	49, 58.129, 339.223
Yxy	17.7623, 0.3655, 0.2262
Android (android.graphics.Color)	4290464409 (0xFFBB4A99)
YUV	116.7930, 17.8501, 61.5715
Hunter-Lab	42.1453, 47.7666, -15.5907

Details

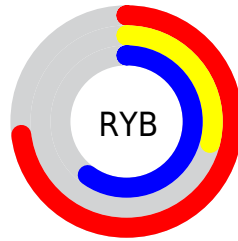
The YUV color **116.7930, 17.8501, 61.5715** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **144.2070, -17.8501, -61.5715**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8750, 16.8236, 64.1306**, and **55.4930, 22.9280, 66.2196** is the 20% darker color. If you saturate the color by 10%, you get **104.9560, 20.7277, 71.9526**, and if you desaturate by 10%, it is **128.6300, 14.9724, 51.1905**.

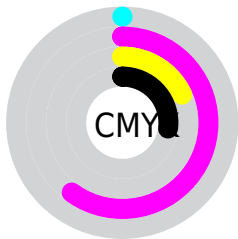
Distribution



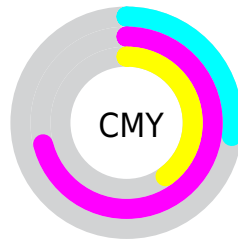
- Red (73%)
- Green (29%)
- Blue (60%)



- Red (73%)
- Yellow (29%)
- Blue (60%)



- Cyan (0%)
- Magenta (60%)
- Yellow (18%)
- Black (27%)





- Cyan (27%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.7930, 17.8501, 61.5715 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 116.7930, 17.8501, 61.5715 by changing the saturation by 10% instead.


 116.7930, 17.8501,
61.5715


 116.7930, 17.8501,
61.5715


255.0000, 0.0000,
0.0000


 89.0210, 18.7236,
61.3716


 172.8750, 16.8236,
64.1306


 55.4930, 22.9280,
66.2196


 194.7210, 20.3505,
52.8647


 39.6890, 18.8873,
55.5237


 213.3230, 20.5468,
36.5507

 28.9940, 12.8210,
41.2243

 230.3460, 12.1544,
21.6216

 19.6090, 6.6018,
29.2839

 247.3690, 3.7621,
6.6924

 5.6530, -0.3219,
9.9513

 0.0000, 0.0000,

0.0000

■ 116.7930, 17.8501,
61.5715

■ 116.7930, 17.8501,
61.5715

■ 104.9560, 20.7277,
71.9526

■ 128.6300, 14.9724,
51.1905

■ 93.8200, 23.7527,
81.7189

■ 139.7660, 11.9474,
41.4242

■ 81.9830, 26.6304,
92.0999

■ 151.6030, 9.0697,
31.0432

■ 70.8470, 29.6554,
101.8662

■ 163.4400, 6.1921,
20.6621

■ 175.1630, 2.8776,
10.3810

■ 186.4130, 0.2894,
0.5148

■ 198.1360, -3.0250,
-9.7663

■ 209.9730, -5.9027,
-20.1473

■ 221.2230, -8.4909,
-30.0136

Harmonies

Analogous

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



120.3170, 36.3257, 15.5080



116.7930, 17.8501, 61.5715



111.8930, -3.8912, 81.6548

Triad

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



116.7930, 17.8501, 61.5715



108.1140, -53.3002, 15.6860



101.2980, 37.8141, -88.8383

Complementary

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



116.7930, 17.8501, 61.5715



144.2070, -17.8501, -61.5715

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.



97.1140, 16.7058, -85.1690



116.7930, 17.8501, 61.5715



101.9590, -34.9828, -26.2740

Square

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



116.7930, 17.8501, 61.5715



111.4740, -49.0407, 49.5733



89.5390, -4.7027, -78.5257



101.3100, 53.0912, -88.8489

Rectangle

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



116.7930, 17.8501, 61.5715



111.1580, -19.3049, 78.7914



89.5390, -4.7027, -78.5257



100.2890, 31.4095, -87.9535

Sweetspot

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



116.7930, 17.8501, 61.5715



215.2770, 6.7654, 23.4361



97.0480, 44.3463, 9.6049



105.2390, 4.3192, 14.6994



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.



116.7930, 17.8501, 61.5715



132.0590, 28.0719, 96.4183



110.4090, -6.6106, 67.1703



88.4890, 1.7309, 4.8331



59.8960, 25.1943, 86.0372



11.6630, 4.6031, 16.9585

Inverse Universe

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



116.7930, 17.8501, 61.5715



132.0590, 28.0719, 96.4183



150.5910, 6.6106, -67.1703



88.4890, 1.7309, 4.8331



59.8960, 25.1943, 86.0372



11.6630, 4.6031, 16.9585

Previews

White Background



This preview shows how the YUV color 116.7930, 17.8501, 61.5715 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 116.7930, 17.8501, 61.5715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

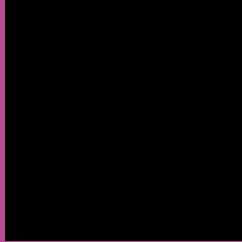
Any Text WCAG AA ✓ Pass

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 116.7930, 17.8501, 61.5715 Background



This preview shows how black text looks on a background with the YUV color 116.7930, 17.8501, 61.5715.



This preview shows how white text looks on a background with the YUV color 116.7930, 17.8501,

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

116.7930, 17.8501, 61.5715

Protanopia

116.1030, 33.9662, -21.1383

Deuteranopia

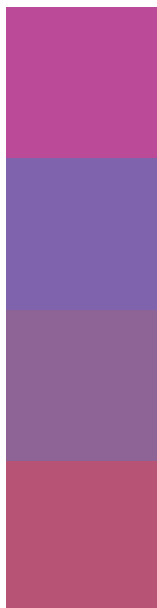
118.3490, 14.1249, -3.8141



Tritanopia

116.6050, -10.6513, 56.4744

Trichromacy



Original Color

116.7930, 17.8501, 61.5715

Protanomaly

116.3950, 27.9063, 9.3006

Deuteranomaly

117.8450, 15.3594, 20.3069

Tritanomaly

116.6620, -0.3264, 58.1784

Monochromacy



Original Color

116.7930, 17.8501, 61.5715

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.5650, 6.6235, 22.3065

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.7930, 17.8501, 61.5715 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(187, 74, 153)` looks like.

```
.text, #text, p{  
    color:rgb(187, 74, 153)  
}
```

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(187, 74, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 74, 153) }
```

Border

The CSS property to change the border of an element to YUV 116.7930, 17.8501, 61.5715 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(187, 74, 153) }
```


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

```
.border{ border-color:rgb(187, 74, 153) }
```

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

Here you see how a box with a 4 pixel rgb(187, 74, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 74, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 74, 153);  
box-shadow:4px 4px 4px 4px rgb(187, 74,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 116.7930, 17.8501, 61.5715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 74, 153) }
```

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

```
.background{ background-color: rgb(187, 74,  
153) }
```

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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