

Converting Colors

YUV(116.8090, 57.2822,
60.6805)

Have a look what the booklet for
YUV(116.8090, 57.2822, 60.6805)
contains.

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Color

**YUV(116.8090, 57.2822,
60.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	BA3BE9
RGB	186, 59, 233
RGB Percent	73%, 23%, 91%
CMY	0.2706, 0.7686, 0.0863
CMYK	0.20, 0.75, 0.00, 0.09
HSL	284°, 80%, 57%
HSV	284°, 75%, 91%
XYZ	36.5216, 19.4502, 78.9202
YIQ	116.8090, 19.8380, 81.0380

Conversions

Conversions Part 2

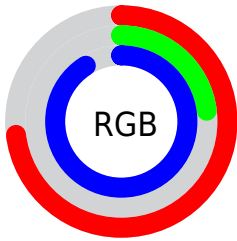
Format	Color
R _Y B	186, 59, 233
Decimal	12205033
CIE _{Lab}	51.21, 73.80, -63.78
CIE _{LCh}	51, 97.542, 319.169
Y _{xy}	19.4502, 0.2707, 0.1442
Android (android.graphics.Color)	4290395113 (0xFFBA3BE9)
YUV	116.8090, 57.2822, 60.6805
Hunter-Lab	44.1024, 70.6384, -75.2263

Details

The YUV color **116.8090, 57.2822, 60.6805** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **175.1910, -57.2822, -60.6805**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8900, 40.9732, 64.9945**, and **58.3360, 58.0084, 61.0953** is the 20% darker color. If you saturate the color by 10%, you get **101.5140, 64.8226, 68.8322**, and if you desaturate by 10%, it is **132.1040, 49.7417, 52.5288**.

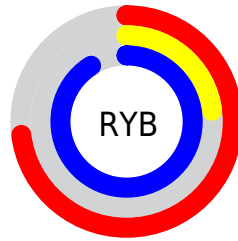
Distribution



Red (73%)

Green (23%)

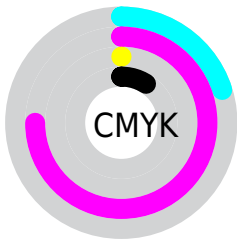
Blue (91%)



Red (73%)

Yellow (23%)

Blue (91%)

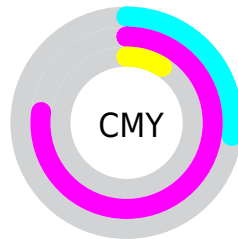


Cyan (20%)

Magenta (75%)

Yellow (0%)

Black (9%)



Cyan (27%)


Magenta (77%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.8090, 57.2822, 60.6805 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 116.8090, 57.2822, 60.6805 by changing the saturation by 10% instead.


 116.8090, 57.2822,
60.6805


 116.8090, 57.2822,
60.6805


255.0000, 0.0000,
0.0000


 81.9390, 60.1761,
65.8285


 171.8900, 40.9732,
64.9945


 58.3360, 58.0084,
61.0953


 191.6040, 31.2542,
55.5983


 46.5870, 50.4896,
45.9662


 208.6270, 22.8619,
40.6691

 34.5390, 43.1183,
30.2223

 225.6500, 14.4696,
25.7400

 23.3170, 36.3257,
15.5080

 243.2600, 5.7878,
10.2960

 8.2080, 31.4495,
-7.1984

 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 116.8090, 57.2822,
60.6805

■ 116.8090, 57.2822,
60.6805

■ 101.5140, 64.8226,
68.8322

■ 132.1040, 49.7417,
52.5288

■ 85.3330, 72.7998,
76.8840

■ 148.2850, 41.7645,
44.4771

■ 77.3920, 76.7147,
81.2172

■ 163.5800, 34.2241,
36.3253

■ 178.8750, 26.6836,
28.1736

■ 194.7570, 18.8538,
19.5071

■ 210.3510, 11.1660,
11.9702

■ 225.6460, 3.6255,
3.8185

■ 240.9410, -3.9149,
-4.3333

■ 248.9040, -7.8407,
-5.1778

Harmonies

Analogous

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



96.5750, 78.1035, -84.6963



116.8090, 57.2822, 60.6805



92.2350, 31.4361, 137.4829

Triad

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



116.8090, 57.2822, 60.6805



115.4220, -56.9030, 51.3729



110.9350, 31.5840, -97.2900

Complementary

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



116.8090, 57.2822, 60.6805



175.1910, -57.2822, -60.6805

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.



99.8430, -5.8386, -87.5623



116.8090, 57.2822, 60.6805



107.9600, -53.2243, -8.7349

Square

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



116.8090, 57.2822, 60.6805



101.3430, -49.9621, 111.9552



86.2890, -42.5405, -75.6755



118.1970, 64.4859, -103.6588

Rectangle

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



116.8090, 57.2822, 60.6805



87.7590, 6.5278, 146.6704



86.2890, -42.5405, -75.6755



107.1560, 19.6431, -93.9758

Sweetspot

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



116.8090, 57.2822, 60.6805



217.6430, 18.4170, 19.6071



107.5990, 61.8227, -42.6213



105.3510, 11.1660, 11.9702



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.



116.8090, 57.2822, 60.6805



101.4520, 75.6992, 80.2876



126.5300, 33.7557, 93.3742



109.6460, 3.6255, 3.8185



60.1020, 59.6027, 63.0545



17.8170, 17.8382, 18.5775

Inverse Universe

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



116.3840, -5.1193, 102.2722



100.8380, -6.8221, 135.2001



165.4700, -33.7557, -93.3742



109.6310, -0.3111, 6.4626



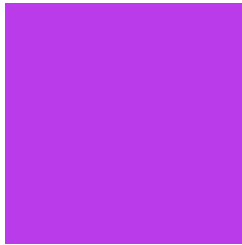
59.7050, -5.2776, 106.3757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 116.8090, 57.2822, 60.6805 looks on a white background.

Color Contrast Check

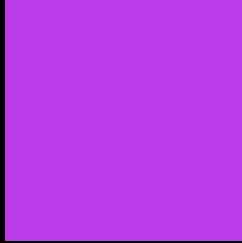
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.8090, 57.2822, 60.6805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

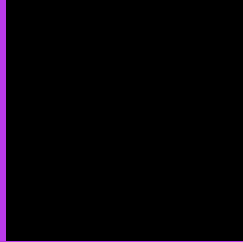
Any Text WCAG AA ✓ Pass

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 116.8090, 57.2822, 60.6805 Background



This preview shows how black text looks on a background with the YUV color 116.8090, 57.2822, 60.6805.



This preview shows how white text looks on a background with the YUV color 116.8090, 57.2822, 60.6805.

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

116.8090, 57.2822, 60.6805

Protanopia

97.7660, 75.0514, -85.7408

Deuteranopia

97.9820, 60.6479, -85.9302



Tritanopia

123.9340, -6.3765, 38.6459

Trichromacy



Original Color

116.8090, 57.2822, 60.6805



Protanomaly

105.0870, 68.4841, -32.5253



Deuteranomaly

104.6820, 59.3168, -32.1701



Tritanomaly

121.6510, 16.4411, 46.7871

Monochromacy



Original Color

116.8090, 57.2822, 60.6805



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.9360, 20.7376, 21.9811

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8090, 57.2822, 60.6805 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(186, 59, 233)` looks like.

```
.text, #text, p{  
    color:rgb(186, 59, 233)  
}
```

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(186, 59, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 59, 233) }
```

Border

The CSS property to change the border of an element to YUV 116.8090, 57.2822, 60.6805 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(186, 59, 233) }
```


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

```
.border{ border-color:rgb(186, 59, 233) }
```

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

Here you see how a box with a 4 pixel rgb(186, 59, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 59, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 59, 233);  
box-shadow:4px 4px 4px 4px rgb(186, 59,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 116.8090, 57.2822, 60.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 59, 233) }
```

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

```
.background{ background-color: rgb(186, 59,  
233) }
```

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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