

Converting Colors

YUV(117.7090, 5.0735, 52.8752)

Have a look what the booklet for
YUV(117.7090, 5.0735, 52.8752)
contains.

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Color

**YUV(117.7090, 5.0735,
52.8752)**

Conversions

Conversions Part 1

Format	Color
Hex	B25580
RGB	178, 85, 128
RGB Percent	70%, 33%, 50%
CMY	0.3020, 0.6667, 0.4980
CMYK	0.00, 0.52, 0.28, 0.30
HSL	332°, 38%, 52%
HSV	332°, 52%, 70%
XYZ	25.5049, 17.5205, 22.4596
YIQ	117.7090, 41.6250, 33.0890

Conversions

Conversions Part 2

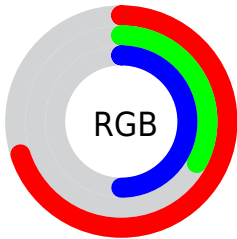
Format	Color
R _Y B	178, 85, 128
Decimal	11687296
CIE Lab	48.91, 42.72, -6.26
CIE LCh	49, 43.176, 351.666
Yxy	17.5205, 0.3895, 0.2675
Android (android.graphics.Color)	4289877376 (0xFFB25580)
YUV	117.7090, 5.0735, 52.8752
Hunter-Lab	41.8575, 35.5142, -2.5132

Details

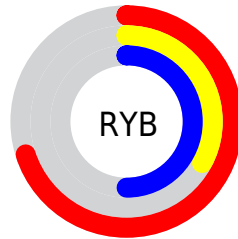
The YUV color **117.7090, 5.0735, 52.8752** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **145.2910, -5.0735, -52.8752**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2040, 4.3364, 55.9491**, and **64.8550, 6.9735, 50.1162** is the 20% darker color. If you saturate the color by 10%, you get **106.0030, 5.9145, 63.1414**, and if you desaturate by 10%, it is **129.4150, 4.2324, 42.6090**.

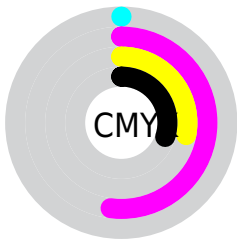
Distribution



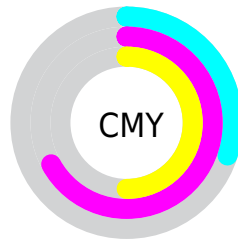
- Red (70%)
- Green (33%)
- Blue (50%)



- Red (70%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (52%)
- Yellow (28%)
- Black (30%)




- Cyan (30%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.7090, 5.0735, 52.8752 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 117.7090, 5.0735, 52.8752 by changing the saturation by 10% instead.

 117.7090, 5.0735,
52.8752


 117.7090, 5.0735,
52.8752


255.0000, 0.0000,
0.0000


 91.2250, 5.8051,
51.5457

 172.2040, 4.3364,
55.9491

 64.8550, 6.9735,
50.1162


 196.8120, 5.5157,
51.0309

 35.0880, 10.3096,
53.4198

 216.5540, 10.0799,
33.7171

 24.6210, 5.1168,
38.9204

 235.0420, 9.8393,
17.5032

 15.4210, -1.6866,
27.6948

 252.0650, 1.4470,
2.5740

 0.0000, 0.0000,
0.0000

■ 117.7090, 5.0735,
52.8752

■ 117.7090, 5.0735,
52.8752

■ 106.0030, 5.9145,
63.1414

■ 129.4150, 4.2324,
42.6090

■ 94.4110, 7.1924,
73.3076

■ 141.0070, 2.9545,
32.4429

■ 83.2920, 7.7440,
83.0589

■ 152.1260, 2.4029,
22.6915

■ 71.7000, 9.0219,
93.2251

■ 163.7180, 1.1250,
12.5253

■ 62.5700, 9.5790,
101.2321

■ 175.4240, 0.2840,
2.2592

■ 187.0160, -0.9939,
-7.9070

■ 198.7220, -1.8349,
-18.1732

■ 209.8410, -2.3866,

-27.9246

 221.4330, -3.6645,
-38.0907

Harmonies

Analogous

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



119.9690, 20.7213, 27.2142



117.7090, 5.0735, 52.8752



115.8720, -12.2619, 59.7483

Triad

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



117.7090, 5.0735, 52.8752



109.8190, -32.4488, 1.0357



96.6190, 37.6558, -84.7349

Complementary

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



117.7090, 5.0735, 52.8752



145.2910, -5.0735, -52.8752

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.



94.8460, 23.2469, -83.1799



117.7090, 5.0735, 52.8752



103.9100, -17.2106, -33.2471

Square

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



117.7090, 5.0735, 52.8752



113.1860, -35.5877, 27.9009



90.5140, 6.6486, -79.3808



93.6330, 46.5229, -82.1161

Rectangle

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



117.7090, 5.0735, 52.8752



114.7930, -22.5759, 54.5555



90.5140, 6.6486, -79.3808



96.1800, 33.4353, -84.3499

Sweetspot

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



117.7090, 5.0735, 52.8752



208.0010, 1.9715, 21.0471



110.5520, 33.2519, 21.4409



102.7180, 1.1250, 12.5253



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



117.7090, 5.0735, 52.8752



137.2920, 7.7440, 83.0589



114.5680, -14.5770, 55.6299



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Inverse Universe

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



117.7090, 5.0735, 52.8752



137.2920, 7.7440, 83.0589



148.4320, 14.5770, -55.6299



83.1470, 0.4205, 5.1331



53.8410, 8.4594, 86.9624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 117.7090, 5.0735, 52.8752 looks on a white background.

Color Contrast Check

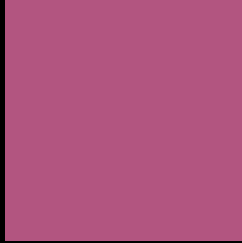
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.7090, 5.0735, 52.8752 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 117.7090, 5.0735, 52.8752

Background



This preview shows how black text looks on a background with the YUV color 117.7090, 5.0735, 52.8752.



This preview shows how white text looks on a background with the YUV color 117.7090, 5.0735,

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

117.7090, 5.0735, 52.8752

Protanopia

117.5550, 15.0094, -7.5027

Deuteranopia

117.7280, 2.5991, 6.3775



Tritanopia

116.9140, -9.3246, 50.9414

Trichromacy



Original Color

117.7090, 5.0735, 52.8752

Protanomaly

117.7750, 11.4499, 14.2293

Deuteranomaly

117.7670, 3.5659, 23.0063

Tritanomaly

117.2930, -4.0884, 51.4860

Monochromacy



Original Color

117.7090, 5.0735, 52.8752

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9900, 1.9769, 19.3028

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.7090, 5.0735, 52.8752 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(178, 85, 128)` looks like.

```
.text, #text, p{  
    color:rgb(178, 85, 128)  
}
```

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(178, 85, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 85, 128) }
```

Border

The CSS property to change the border of an element to YUV 117.7090, 5.0735, 52.8752 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(178, 85, 128) }
```


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

```
.border{ border-color:rgb(178, 85, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 85, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 85, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 85, 128);  
box-shadow:4px 4px 4px 4px rgb(178, 85,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 117.7090, 5.0735, 52.8752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 85, 128) }
```

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

```
.background{ background-color: rgb(178, 85,  
128) }
```

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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