

Converting Colors

YUV(119.7890, 10.4570,
52.8050)

Have a look what the booklet for
YUV(119.7890, 10.4570, 52.8050)
contains.

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Color

**YUV(119.7890, 10.4570,
52.8050)**

Conversions

Conversions Part 1

Format	Color
Hex	B4558D
RGB	180, 85, 141
RGB Percent	71%, 33%, 55%
CMY	0.2941, 0.6667, 0.4471
CMYK	0.00, 0.53, 0.22, 0.29
HSL	325°, 39%, 52%
HSV	325°, 53%, 71%
XYZ	26.8786, 18.1234, 27.2808
YIQ	119.7890, 38.6440, 37.5560

Conversions

Conversions Part 2

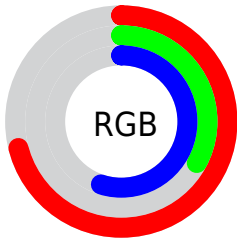
Format	Color
R_{YB}	180, 85, 141
Decimal	11818381
CIE _{Lab}	49.65, 45.24, -12.90
CIE _{LCh}	50, 47.040, 344.080
Yxy	18.1234, 0.3719, 0.2507
Android (android.graphics.Color)	4290008461 (0xFFB4558D)
YUV	119.7890, 10.4570, 52.8050
Hunter-Lab	42.5716, 38.2001, -8.1942

Details

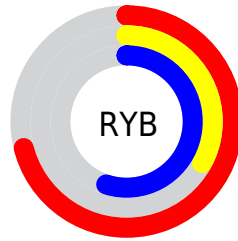
The YUV color **119.7890, 10.4570, 52.8050** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **145.2110, -10.4570, -52.8050**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3980, 10.1568, 55.7790**, and **66.5330, 12.0622, 51.2756** is the 20% darker color. If you saturate the color by 10%, you get **108.4250, 12.6085, 62.7713**, and if you desaturate by 10%, it is **131.1530, 8.3056, 42.8388**.

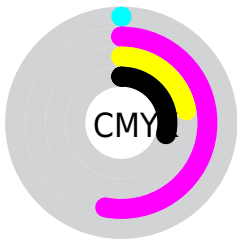
Distribution



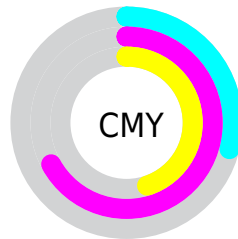
- Red (71%)
- Green (33%)
- Blue (55%)



- Red (71%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (53%)
- Yellow (22%)
- Black (29%)





- Cyan (29%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.7890, 10.4570, 52.8050 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 119.7890, 10.4570, 52.8050 by changing the saturation by 10% instead.


 119.7890, 10.4570,
52.8050


 119.7890, 10.4570,
52.8050

255.0000, 0.0000,
0.0000


 93.1910, 10.7518,
51.5755

 174.3980, 10.1568,
55.7790


 66.5330, 12.0622,
51.2756


 198.5220, 12.0677,
49.5312

 36.9400, 14.8196,
53.5496


 218.1500, 16.1950,
32.3174

 26.3590, 9.1900,
39.1502

 235.6290, 9.5499,
16.9884

 17.5010, 3.6970,
27.6246

 252.6520, 1.1576,
2.0592

 0.5980, -0.2948,
1.2296

 0.0000, 0.0000,

0.0000

■ 119.7890, 10.4570,
52.8050

■ 119.7890, 10.4570,
52.8050

■ 108.4250, 12.6085,
62.7713

■ 131.1530, 8.3056,
42.8388

■ 96.9470, 14.3231,
72.8375

■ 142.6310, 6.5909,
32.7726

■ 85.5830, 16.4746,
82.8037

■ 153.9950, 4.4395,
22.8064

■ 74.1050, 18.1892,
92.8699

■ 165.4730, 2.7248,
12.7402

■ 65.9040, 19.7673,
100.0622

■ 176.8370, 0.5734,
2.7740

■ 188.2010, -1.5781,
-7.1923

■ 199.6790, -3.2927,
-17.2585

■ 211.0430, -5.4442,
-27.2247

■ 222.5210, -7.1589,
-37.2909

Harmonies

Analogous

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



122.1190, 26.5633, 20.0666



119.7890, 10.4570, 52.8050



117.0560, -7.9156, 65.7259

Triad

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



119.7890, 10.4570, 52.8050



111.9680, -38.4382, 8.7981



98.9670, 36.4983, -86.7941

Complementary

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



119.7890, 10.4570, 52.8050



145.2110, -10.4570, -52.8050

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.



96.5100, 19.4686, -84.6393



119.7890, 10.4570, 52.8050



106.5320, -23.9263, -25.8996

Square

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



119.7890, 10.4570, 52.8050



114.6710, -37.7988, 37.1225



90.6620, 2.1386, -79.5106



97.3660, 48.1336, -85.3900

Rectangle

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



119.7890, 10.4570, 52.8050



116.2330, -19.8349, 62.0627



90.6620, 2.1386, -79.5106



98.8870, 31.1147, -86.7239

Sweetspot

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



119.7890, 10.4570, 52.8050



210.8700, 4.0081, 21.1620



107.1920, 35.8943, 13.8636



103.0600, 2.4354, 12.2254



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.



119.7890, 10.4570, 52.8050



141.1700, 16.1852, 82.2889



114.5450, -9.6357, 57.4040



83.3750, 1.2941, 4.9331



56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Inverse Universe

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



119.7890, 10.4570, 52.8050



141.1700, 16.1852, 82.2889



150.5690, 10.0725, -57.5040



83.3750, 1.2941, 4.9331



56.0070, 16.7585, 85.0629



9.4840, 2.7194, 14.4845

Previews

White Background



This preview shows how the YUV color 119.7890, 10.4570, 52.8050 looks on a white background.

Color Contrast Check

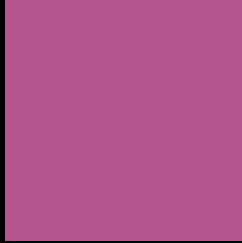
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.7890, 10.4570, 52.8050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

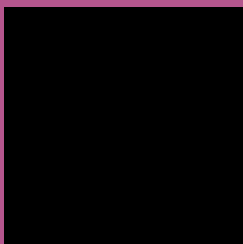
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.7890, 10.4570, 52.8050

Background



This preview shows how black text looks on a background with the YUV color 119.7890, 10.4570, 52.8050.

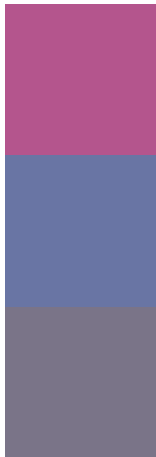


This preview shows how white text looks on a background with the YUV color 119.7890, 10.4570,

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

119.7890, 10.4570, 52.8050

Protanopia

118.7700, 22.2984, -12.0763

Deuteranopia

120.0740, 7.8515, 1.6891



Tritanopia

119.2020, -9.4666, 49.8118

Trichromacy



Original Color

119.7890, 10.4570, 52.8050

Protanomaly

118.8870, 18.2967, 11.5001

Deuteranomaly

120.1240, 8.8129, 20.0623

Tritanomaly

119.4500, -2.1938, 50.4714

Monochromacy



Original Color

119.7890, 10.4570, 52.8050

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8590, 4.0135, 19.4177

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.7890, 10.4570, 52.8050 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(180, 85, 141)` looks like.

```
.text, #text, p{  
  color:rgb(180, 85, 141)  
}
```

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(180, 85, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 85, 141) }
```

Border

The CSS property to change the border of an element to YUV 119.7890, 10.4570, 52.8050 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(180, 85, 141) }
```


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

```
.border{ border-color:rgb(180, 85, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 85, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 85, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 85, 141);  
box-shadow:4px 4px 4px 4px rgb(180, 85,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 119.7890, 10.4570, 52.8050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 85, 141) }
```

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

```
.background{ background-color: rgb(180, 85,  
141) }
```

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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