

Converting Colors

YUV(126.9470, 7.4211, 46.5275)

Have a look what the booklet for
YUV(126.9470, 7.4211, 46.5275)
contains.

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Color

**YUV(126.9470, 7.4211,
46.5275)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--|
| Hex | B4618E |
| RGB | 180, 97, 142 |
| RGB Percent | 71%, 38%, 56% |
| CMY | 0.2941, 0.6196, 0.4431 |
| CMYK | 0.00, 0.46, 0.21, 0.29 |
| HSL | 327°, 36%, 54% |
| HSV | 327°, 46%, 71% |
| XYZ | 27.9796, 20.2057, 28.0166 |
| YIQ | 126.9470, 35.0230, 31.5910 |

Conversions

Conversions Part 2

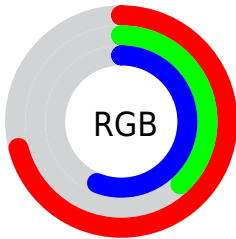
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 180, 97, 142 |
| Decimal | 11821454 |
| CIE _{Lab} | 52.07, 39.21, -9.85 |
| CIE _{LCh} | 52, 40.429, 345.902 |
| Yxy | 20.2057, 0.3672, 0.2652 |
| Android (android.graphics.Color) | 4290011534 (0xFFB4618E) |
| YUV | 126.9470, 7.4211, 46.5275 |
| Hunter-Lab | 44.9507, 32.4435, -5.4884 |

Details

The YUV color **126.9470, 7.4211, 46.5275** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **150.0530, -7.4211, -46.5275**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2570, 7.2683, 48.8866**, and **74.8650, 8.4476, 43.9684** is the 20% darker color. If you saturate the color by 10%, you get **115.4690, 9.1358, 56.5937**, and if you desaturate by 10%, it is **138.4250, 5.7065, 36.4613**.

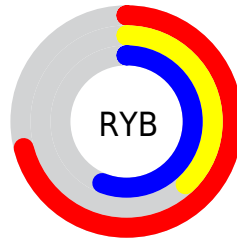
Distribution



Red (71%)

Green (38%)

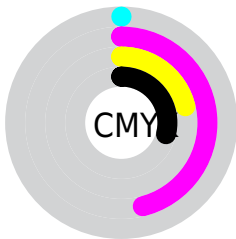
Blue (56%)



Red (71%)

Yellow (38%)

Blue (56%)

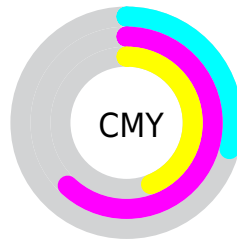


Cyan (0%)

Magenta (46%)

Yellow (21%)

Black (29%)



Cyan (29%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 126.9470, 7.4211, 46.5275 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 126.9470, 7.4211, 46.5275 by changing the saturation by 10% instead.

 126.9470, 7.4211,
46.5275

 126.9470, 7.4211,
46.5275

255.0000, 0.0000,
0.0000


 100.9360, 7.4266,
44.7831


 181.2570, 7.2683,
48.8866

 74.8650, 8.4476,
43.9684

 205.6800, 9.0318,
43.2536


 49.0930, 9.3212,
43.7684

 225.3080, 13.1592,
26.0399

 27.0710, 9.3320,
40.2797

 242.6730, 6.0772,
10.8108

 17.9140, 3.9864,
28.1394

 3.8870, -1.9163,
7.9921

 0.0000, 0.0000,

0.0000

■ 126.9470, 7.4211,
46.5275

■ 126.9470, 7.4211,
46.5275

■ 115.4690, 9.1358,
56.5937

■ 138.4250, 5.7065,
36.4613

■ 103.9910, 10.8504,
66.6599

■ 149.9030, 3.9918,
26.3951

■ 92.3990, 12.1283,
76.8261

■ 161.4950, 2.7140,
16.2289

■ 80.9210, 13.8429,
86.8923

■ 172.9730, 0.9993,
6.1627

■ 69.4430, 15.5576,
96.9585

■ 184.4510, -0.7153,
-3.9035

■ 64.9920, 16.2729,
100.8620

■ 195.9290, -2.4300,
-13.9697

■ 207.5210, -3.7079,
-24.1359

■ 218.9990, -5.4225,
-34.2021

■ 228.1290, -5.9796,
-42.2091

Harmonies

Analogous

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



127.9680, 22.2008, 19.3221



126.9470, 7.4211, 46.5275



124.7730, -8.7621, 57.2041

Triad

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



126.9470, 7.4211, 46.5275



119.3790, -31.7388, 6.6836



101.3150, 35.3407, -88.8533

Complementary

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



126.9470, 7.4211, 46.5275



150.0530, -7.4211, -46.5275

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.



99.5420, 20.9318, -87.2983



126.9470, 7.4211, 46.5275



114.5800, -20.0059, -23.3107

Square

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



126.9470, 7.4211, 46.5275



122.3050, -32.6884, 31.3045



102.3260, 1.8113, -67.8149



99.8450, 44.9394, -87.5641

Rectangle

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



126.9470, 7.4211, 46.5275



124.0040, -19.2290, 54.3705



102.3260, 1.8113, -67.8149



101.4630, 30.8307, -88.9831

Sweetspot

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



126.9470, 7.4211, 46.5275



213.9190, 2.9979, 18.4880



117.5250, 30.8002, 14.4486



104.2340, 1.8566, 11.1958



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.



126.9470, 7.4211, 46.5275



152.5510, 11.5604, 72.3078



122.2730, -10.4876, 50.6266



83.2610, 0.8573, 5.0331



55.2090, 13.7010, 85.7627



9.3700, 2.2826, 14.5845

Inverse Universe

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



126.9470, 7.4211, 46.5275



152.5510, 11.5604, 72.3078



154.7270, 10.4876, -50.6266



83.2610, 0.8573, 5.0331



55.2090, 13.7010, 85.7627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 126.9470, 7.4211, 46.5275 looks on a white background.

Color Contrast Check

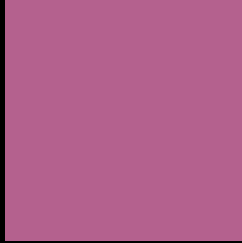
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.9470, 7.4211, 46.5275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

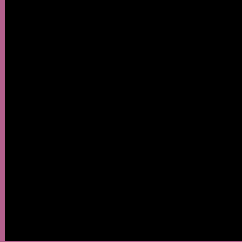
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 126.9470, 7.4211, 46.5275

Background



This preview shows how black text looks on a background with the YUV color 126.9470, 7.4211, 46.5275.



This preview shows how white text looks on a background with the YUV color 126.9470, 7.4211,

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

126.9470, 7.4211, 46.5275

Protanopia

124.8260, 17.3408, -8.6174

Deuteranopia

125.9280, 5.9515, 4.4481



Tritanopia

126.0380, -7.4137, 44.6937

Trichromacy



Original Color

126.9470, 7.4211, 46.5275

Protanomaly

125.9210, 13.3499, 11.4703

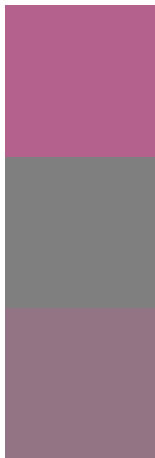
Deuteranomaly

126.1410, 6.3395, 20.0473

Tritanomaly

126.4170, -2.1776, 45.2383

Monochromacy



Original Color

126.9470, 7.4211, 46.5275

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

126.7940, 2.5666, 16.8437

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.9470, 7.4211, 46.5275 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, 97, 142)` looks like.

```
.text, #text, p{  
    color:rgb(180, 97, 142)  
}
```

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, 97, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 97, 142) }
```

Border

The CSS property to change the border of an element to YUV 126.9470, 7.4211, 46.5275 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, 97, 142) }
```


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

```
.border{ border-color:rgb(180, 97, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 97, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 97, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 97, 142);  
box-shadow:4px 4px 4px 4px rgb(180, 97,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 126.9470, 7.4211, 46.5275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 97, 142) }
```

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

```
.background{ background-color: rgb(180, 97,  
142) }
```

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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