

Converting Colors

YUV(111.7420, 5.0572, 58.1083)

Have a look what the booklet for
YUV(111.7420, 5.0572, 58.1083)
contains.

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Color

**YUV(111.7420, 5.0572,
58.1083)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B24C7A |
| RGB | 178, 76, 122 |
| RGB Percent | 70%, 30%, 48% |
| CMY | 0.3020, 0.7020, 0.5216 |
| CMYK | 0.00, 0.57, 0.31, 0.30 |
| HSL | 333°, 40%, 50% |
| HSV | 333°, 57%, 70% |
| XYZ | 24.4574, 16.0390, 20.2191 |
| YIQ | 111.7420, 46.0260, 35.9300 |

Conversions

Conversions Part 2

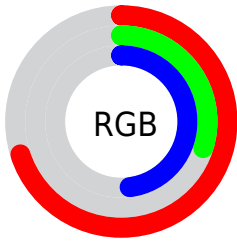
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 178, 76, 122 |
| Decimal | 11684986 |
| CIELab | 47.03, 46.36, -5.44 |
| CIELCh | 47, 46.680, 353.310 |
| Yxy | 16.0390, 0.4028, 0.2642 |
| Android (android.graphics.Color) | 4289875066 (0xFFB24C7A) |
| YUV | 111.7420, 5.0572, 58.1083 |
| Hunter-Lab | 40.0487, 38.9231, -1.8993 |

Details

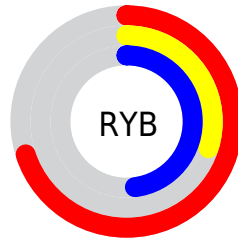
The YUV color **111.7420, 5.0572, 58.1083** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **142.2580, -5.0572, -58.1083**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1230, 3.8834, 61.2821**, and **56.5400, 8.1148, 57.4084** is the 20% darker color. If you saturate the color by 10%, you get **100.0360, 5.8983, 68.3744**, and if you desaturate by 10%, it is **123.4480, 4.2161, 47.8421**.

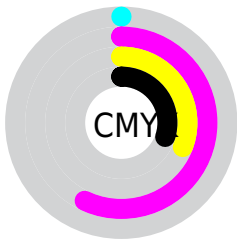
Distribution



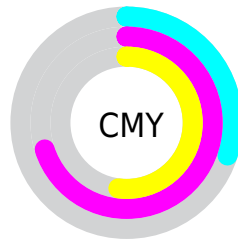
- Red (70%)
- Green (30%)
- Blue (48%)



- Red (70%)
- Yellow (30%)
- Blue (48%)



- Cyan (0%)
- Magenta (57%)
- Yellow (31%)
- Black (30%)



- Cyan (30%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.7420, 5.0572, 58.1083 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 111.7420, 5.0572, 58.1083 by changing the saturation by 10% instead.

 111.7420, 5.0572,
58.1083

 111.7420, 5.0572,
58.1083


255.0000, 0.0000,
0.0000

 84.6710, 6.0782,
57.2935

 166.1230, 3.8834,
61.2821


 56.5400, 8.1148,
57.4084


 190.8450, 5.4994,
56.2639


 34.2190, 8.2730,
53.3049

 210.4730, 9.6268,
39.0502

 23.7520, 3.0803,
38.8055

 229.7590, 12.4438,
22.1364

 13.6830, -5.7597,
27.4650

 246.7820, 4.0515,
7.2072

 0.0000, 0.0000,
0.0000

111.7420, 5.0572,
58.1083

111.7420, 5.0572,
58.1083

100.0360, 5.8983,
68.3744

123.4480, 4.2161,
47.8421

88.3300, 6.7393,
78.6406

135.1540, 3.3751,
37.5759

77.3250, 7.7278,
88.2920

146.1590, 2.3866,
27.9246

65.6190, 8.5688,
98.5581

157.8650, 1.5456,
17.6584

62.3420, 8.7054,
101.4321

169.5710, 0.7045,
7.3922

181.2770, -0.1366,
-2.8739

192.8690, -1.4144,
-13.0401

203.9880, -1.9661,

-22.7915

 215.6940, -2.8071,
-33.0576

Harmonies

Analogous

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



114.9310, 21.7260, 31.6325



111.7420, 5.0572, 58.1083



109.6660, -13.1463, 63.4369

Triad

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



111.7420, 5.0572, 58.1083



104.1130, -35.0587, -1.8531



94.3850, 39.2502, -82.7756

Complementary

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



111.7420, 5.0572, 58.1083



142.2580, -5.0572, -58.1083

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.



92.3840, 23.9677, -81.0208



111.7420, 5.0572, 58.1083



96.5780, -17.0470, -39.0949

Square

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



111.7420, 5.0572, 58.1083



107.1600, -39.5189, 28.8007



87.8240, 6.4958, -77.0216



91.3990, 48.1173, -80.1569

Rectangle

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



111.7420, 5.0572, 58.1083



109.5330, -24.9128, 57.4146



87.8240, 6.4958, -77.0216



93.8320, 34.5928, -82.2907

Sweetspot

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



111.7420, 5.0572, 58.1083



206.5990, 1.6767, 22.2767



103.7740, 36.5934, 23.0002



102.0170, 0.9776, 13.1401



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.



111.7420, 5.0572, 58.1083



128.0480, 7.8643, 91.1659



108.2590, -15.9037, 61.1629



83.1470, 0.4205, 5.1331



53.6130, 7.5858, 87.1624



9.1420, 1.4090, 14.7845

Inverse Universe

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



111.7420, 5.0572, 58.1083



128.0480, 7.8643, 91.1659



145.7410, 15.9037, -61.1629



83.1470, 0.4205, 5.1331



53.6130, 7.5858, 87.1624



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 111.7420, 5.0572, 58.1083 looks on a white background.

Color Contrast Check

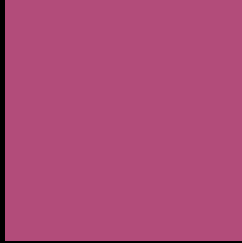
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.7420, 5.0572, 58.1083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

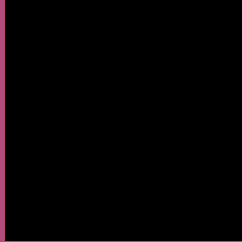
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.7420, 5.0572, 58.1083

Background



This preview shows how black text looks on a background with the YUV color 111.7420, 5.0572, 58.1083.



This preview shows how white text looks on a background with the YUV color 111.7420, 5.0572,

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

111.7420, 5.0572, 58.1083

Protanopia

112.4840, 16.0304, -8.3175

Deuteranopia

113.5000, 1.7255, 6.5775



Tritanopia

111.1920, -10.9407, 55.9596

Trichromacy



Original Color

111.7420, 5.0572, 58.1083

Protanomaly

112.0140, 12.3181, 15.7737

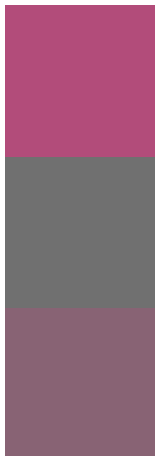
Deuteranomaly

112.9630, 2.9762, 25.4654

Tritanomaly

111.0980, -4.9783, 56.9191

Monochromacy



Original Color

111.7420, 5.0572, 58.1083

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.0010, 1.9715, 21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.7420, 5.0572, 58.1083 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, 76, 122)` looks like.

```
.text, #text, p{  
    color:rgb(178, 76, 122)  
}
```

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, 76, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 76, 122) }
```

Border

The CSS property to change the border of an element to YUV 111.7420, 5.0572, 58.1083 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, 76, 122) }
```


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

```
.border{ border-color:rgb(178, 76, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 76, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 76, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 76, 122);  
box-shadow:4px 4px 4px 4px rgb(178, 76,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 111.7420, 5.0572, 58.1083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 76, 122) }
```

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

```
.background{ background-color: rgb(178, 76,  
122) }
```

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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