

Converting Colors

YUV(112.2320, 1.8576, 57.6785)

Have a look what the booklet for
YUV(112.2320, 1.8576, 57.6785)
contains.

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Color

**YUV(112.2320, 1.8576,
57.6785)**

Conversions

Conversions Part 1

Format	Color
Hex	B24E74
RGB	178, 78, 116
RGB Percent	70%, 31%, 45%
CMY	0.3020, 0.6941, 0.5451
CMYK	0.00, 0.56, 0.35, 0.30
HSL	337°, 39%, 50%
HSV	337°, 56%, 70%
XYZ	24.2369, 16.1747, 18.3676
YIQ	112.2320, 47.4020, 33.0180

Conversions

Conversions Part 2

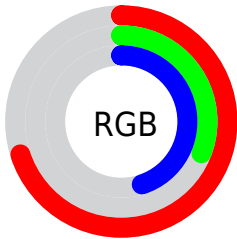
Format	Color
R_{YB}	178, 78, 116
Decimal	11685492
CIE _{Lab}	47.20, 44.64, -1.54
CIE _{LCh}	47, 44.666, 358.027
Yxy	16.1747, 0.4123, 0.2752
Android (android.graphics.Color)	4289875572 (0xFFB24E74)
YUV	112.2320, 1.8576, 57.6785
Hunter-Lab	40.2178, 37.1902, 1.0745

Details

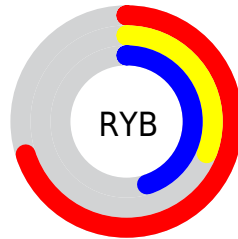
The YUV color **112.2320, 1.8576, 57.6785** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **143.7680, -1.8576, -57.6785**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6130, 0.6838, 60.8524**, and **57.7310, 5.0626, 56.3639** is the 20% darker color. If you saturate the color by 10%, you get **100.4120, 2.2619, 68.0447**, and if you desaturate by 10%, it is **124.0520, 1.4534, 47.3124**.

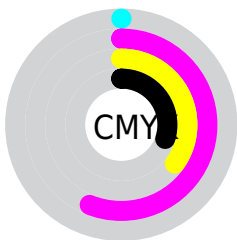
Distribution



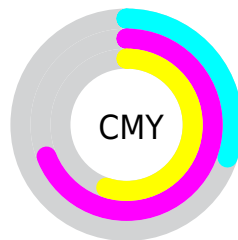
- Red (70%)
- Green (31%)
- Blue (45%)



- Red (70%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (56%)
- Yellow (35%)
- Black (30%)




- Cyan (30%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.2320, 1.8576, 57.6785 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 112.2320, 1.8576, 57.6785 by changing the saturation by 10% instead.


 112.2320, 1.8576,
57.6785


 112.2320, 1.8576,
57.6785

255.0000, 0.0000,
0.0000

 85.7480, 2.5892,
56.3490


 166.6130, 0.6838,
60.8524


 57.7310, 5.0626,
56.3639


 191.2210, 1.8630,
55.9342


 33.6490, 6.0890,
53.8048

 210.8490, 5.9904,
38.7204

 23.1820, 0.8963,
39.3054

 230.5910, 10.5546,
21.4067

 13.5690, -6.1965,
27.5650

 247.9560, 3.4727,
6.1776

 0.0000, 0.0000,
0.0000

■ 112.2320, 1.8576,
57.6785

■ 112.2320, 1.8576,
57.6785

■ 100.4120, 2.2619,
68.0447

■ 124.0520, 1.4534,
47.3124

■ 88.5920, 2.6661,
78.4108

■ 135.8720, 1.0491,
36.9463

■ 77.3590, 2.7810,
88.2622

■ 147.1050, 0.9342,
27.0949

■ 65.5390, 3.1853,
98.6283

■ 158.9250, 0.5300,
16.7288

■ 60.9740, 3.4638,
102.6318

■ 170.7450, 0.1257,
6.3626

■ 182.5650, -0.2785,
-4.0035

■ 194.3850, -0.6828,
-14.3696

■ 205.6180, -0.7977,

-24.2210

■ 217.4380, -1.2019,
-34.5871

Harmonies

Analogous

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



114.7420, 18.3682, 35.3063



112.2320, 1.8576, 57.6785



110.6610, -15.6089, 59.9333

Triad

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



112.2320, 1.8576, 57.6785



104.1170, -31.1167, -6.2416



93.9120, 39.9764, -82.3608

Complementary

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



112.2320, 1.8576, 57.6785



143.7680, -1.8576, -57.6785

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.



92.9540, 26.1517, -81.5207



112.2320, 1.8576, 57.6785



96.2830, -12.9575, -44.0982

Square

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



112.2320, 1.8576, 57.6785



107.5830, -37.7554, 23.1677



88.6220, 9.5534, -77.7215



89.9970, 47.8225, -78.9274

Rectangle

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



112.2320, 1.8576, 57.6785



110.1580, -26.2069, 52.4814



88.6220, 9.5534, -77.7215



94.1740, 35.9032, -82.5906

Sweetspot

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



112.2320, 1.8576, 57.6785



206.3710, 0.8031, 22.4766



107.9380, 34.5406, 28.1184



101.9030, 0.5408, 13.2401



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.



112.2320, 1.8576, 57.6785



130.0710, 2.9230, 89.3917



114.9440, -18.2134, 55.3001



83.1470, 0.4205, 5.1331



52.3590, 2.7810, 88.2622



8.9140, 0.5354, 14.9844

Inverse Universe

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



112.2320, 1.8576, 57.6785



130.0710, 2.9230, 89.3917



141.0560, 18.2134, -55.3001



83.1470, 0.4205, 5.1331



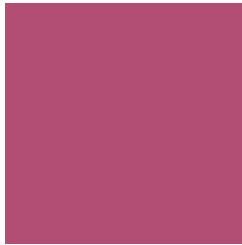
52.3590, 2.7810, 88.2622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 112.2320, 1.8576, 57.6785 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 112.2320, 1.8576, 57.6785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

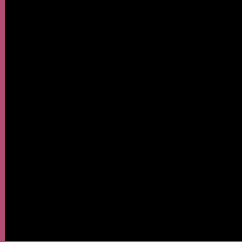
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.2320, 1.8576, 57.6785

Background



This preview shows how black text looks on a background with the YUV color 112.2320, 1.8576, 57.6785.



This preview shows how white text looks on a background with the YUV color 112.2320, 1.8576,

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

112.2320, 1.8576, 57.6785

Protanopia

113.3550, 11.6570, -5.5733

Deuteranopia

113.7130, -1.3375, 9.0217



Tritanopia

111.4910, -11.0881, 56.5744

Trichromacy



Original Color

112.2320, 1.8576, 57.6785

Protanomaly

113.1730, 7.8027, 17.3883

Deuteranomaly

113.4640, -0.2288, 26.7801

Tritanomaly

111.7560, -6.2887, 57.2190

Monochromacy



Original Color

112.2320, 1.8576, 57.6785

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.2460, 0.3717, 20.8323

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.2320, 1.8576, 57.6785 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, 78, 116)` looks like.

```
.text, #text, p{  
    color:rgb(178, 78, 116)  
}
```

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, 78, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 78, 116) }
```

Border

The CSS property to change the border of an element to YUV 112.2320, 1.8576, 57.6785 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, 78, 116) }
```


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

```
.border{ border-color:rgb(178, 78, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 78, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 78, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 78, 116);  
box-shadow:4px 4px 4px 4px rgb(178, 78,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 112.2320, 1.8576, 57.6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 78, 116) }
```

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

```
.background{ background-color: rgb(178, 78,  
116) }
```

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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