

Converting Colors

YUV(112.6170, 4.6258, 56.4639)

Have a look what the booklet for
YUV(112.6170, 4.6258, 56.4639)
contains.

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Color

**YUV(112.6170, 4.6258,
56.4639)**

Conversions

Conversions Part 1

Format	Color
Hex	B14E7A
RGB	177, 78, 122
RGB Percent	69%, 31%, 48%
CMY	0.3059, 0.6941, 0.5216
CMYK	0.00, 0.56, 0.31, 0.31
HSL	333°, 39%, 50%
HSV	333°, 56%, 69%
XYZ	24.3687, 16.2010, 20.2551
YIQ	112.6170, 44.8800, 34.6720

Conversions

Conversions Part 2

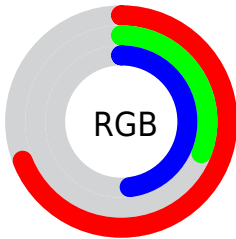
Format	Color
R_{YB}	177, 78, 122
Decimal	11619962
CIE _{Lab}	47.24, 45.07, -5.14
CIE _{LCh}	47, 45.358, 353.492
Yxy	16.2010, 0.4006, 0.2664
Android (android.graphics.Color)	4289810042 (0xFFB14E7A)
YUV	112.6170, 4.6258, 56.4639
Hunter-Lab	40.2505, 37.6302, -1.6609

Details

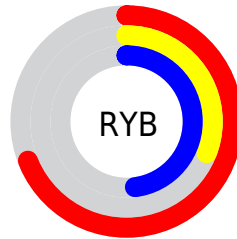
The YUV color **112.6170, 4.6258, 56.4639** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **142.3830, -4.6258, -56.4639**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9980, 3.4520, 59.6378**, and **58.0020, 7.3940, 55.2492** is the 20% darker color. If you saturate the color by 10%, you get **100.9110, 5.4669, 66.7301**, and if you desaturate by 10%, it is **124.3230, 3.7848, 46.1977**.

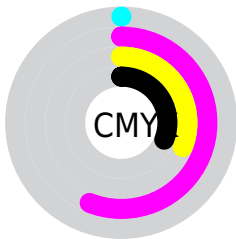
Distribution



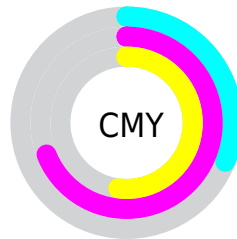
- Red (69%)
- Green (31%)
- Blue (48%)



- Red (69%)
- Yellow (31%)
- Blue (48%)



- Cyan (0%)
- Magenta (56%)
- Yellow (31%)
- Black (31%)




- Cyan (31%)
- Magenta (69%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.6170, 4.6258, 56.4639 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 112.6170, 4.6258, 56.4639 by changing the saturation by 10% instead.


 112.6170, 4.6258,
56.4639

 112.6170, 4.6258,
56.4639

255.0000, 0.0000,
0.0000

 86.1330, 5.3574,
55.1344


 166.9980, 3.4520,
59.6378


 58.0020, 7.3940,
55.2492


 192.0190, 4.9206,
55.2343

 33.9200, 8.4204,
52.6902


 211.6470, 9.0480,
38.0206

 23.4530, 3.2277,
38.1907

 230.9330, 11.8650,
21.1068

 13.6830, -5.7597,
27.4650

 247.9560, 3.4727,
6.1776

 0.0000, 0.0000,
0.0000

■ 112.6170, 4.6258,
56.4639

■ 112.6170, 4.6258,
56.4639

■ 100.9110, 5.4669,
66.7301

■ 124.3230, 3.7848,
46.1977

■ 89.7920, 6.0185,
76.4814

■ 135.4420, 3.2331,
36.4464

■ 78.2000, 7.2964,
86.6476

■ 147.1480, 2.3920,
26.1802

■ 66.4940, 8.1375,
96.9138

■ 158.7400, 1.1142,
16.0140

■ 61.9290, 8.4160,
100.9173

■ 170.4460, 0.2731,
5.7479

■ 181.5650, -0.2785,
-4.0035

■ 193.2710, -1.1196,
-14.2697

■ 204.9770, -1.9607,

-24.5358

 215.9820, -2.9491,
-34.1872

Harmonies

Analogous

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



115.4040, 20.9998, 31.2177



112.6170, 4.6258, 56.4639



110.6550, -13.1409, 61.6926

Triad

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



112.6170, 4.6258, 56.4639



104.7540, -33.8957, -1.5383



94.2710, 38.8134, -82.6757

Complementary

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



112.6170, 4.6258, 56.4639



142.3830, -4.6258, -56.4639

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



112.6170, 4.6258, 56.4639



97.7030, -16.6156, -37.4505

Square

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



112.6170, 4.6258, 56.4639



108.2030, -38.0611, 27.8860



87.9380, 6.9326, -77.1216



91.2850, 47.6805, -80.0569

Rectangle

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



112.6170, 4.6258, 56.4639



110.6360, -24.4705, 55.5702



87.9380, 6.9326, -77.1216



94.4190, 34.3034, -82.8055

Sweetspot

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



112.6170, 4.6258, 56.4639



204.0120, 1.9661, 22.7915



105.4320, 35.2830, 23.3001



100.0170, 0.9776, 13.1401



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



112.6170, 4.6258, 56.4639



129.7980, 7.0016, 87.8772



110.5360, -16.0402, 58.2889



83.1470, 0.4205, 5.1331



53.4990, 7.1490, 87.2624



9.0280, 0.9722, 14.8844

Inverse Universe

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



112.6170, 4.6258, 56.4639



129.7980, 7.0016, 87.8772



144.4640, 16.0402, -58.2889



83.1470, 0.4205, 5.1331



53.4990, 7.1490, 87.2624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 112.6170, 4.6258, 56.4639 looks on a white background.

Color Contrast Check

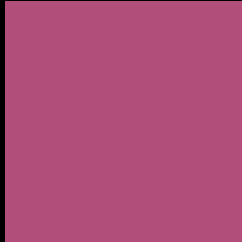
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6170, 4.6258, 56.4639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

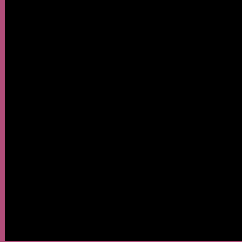
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.6170, 4.6258, 56.4639

Background



This preview shows how black text looks on a background with the YUV color 112.6170, 4.6258, 56.4639.



This preview shows how white text looks on a background with the YUV color 112.6170, 4.6258,

56.4639.

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

112.6170, 4.6258, 56.4639

Protanopia

112.6690, 15.4462, -7.6027

Deuteranopia

113.5000, 1.7255, 6.5775



Tritanopia

112.1810, -10.9352, 54.2153

Trichromacy



Original Color

112.6170, 4.6258, 56.4639

Protanomaly

112.7860, 11.4445, 15.9737

Deuteranomaly

113.2510, 2.8343, 24.3359

Tritanomaly

112.0870, -4.9729, 55.1747

Monochromacy



Original Color

112.6170, 4.6258, 56.4639

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.5880, 1.6821, 20.5323

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.6170, 4.6258, 56.4639 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(177, 78, 122)` looks like.

```
.text, #text, p{  
    color:rgb(177, 78, 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(177, 78, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 78, 122) }
```

Border

The CSS property to change the border of an element to YUV 112.6170, 4.6258, 56.4639 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(177, 78, 122) }
```


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

```
.border{ border-color:rgb(177, 78, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 78, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 78, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 78, 122);  
box-shadow:4px 4px 4px 4px rgb(177, 78,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 112.6170, 4.6258, 56.4639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 78, 122) }
```

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

```
.background{ background-color: rgb(177, 78,  
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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