

Converting Colors

YUV(115.6570, 7.0711, 18.7178)

Have a look what the booklet for
YUV(115.6570, 7.0711, 18.7178)
contains.

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Color

**YUV(115.6570, 7.0711,
18.7178)**

Conversions

Conversions Part 1

Format	Color
Hex	896682
RGB	137, 102, 130
RGB Percent	54%, 40%, 51%
CMY	0.4627, 0.6000, 0.4902
CMYK	0.00, 0.26, 0.05, 0.46
HSL	312°, 15%, 47%
HSV	312°, 26%, 54%
XYZ	19.0972, 16.4328, 23.2844
YIQ	115.6570, 11.8720, 16.1280

Conversions

Conversions Part 2

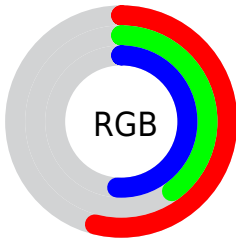
Format	Color
R_{YB}	137, 102, 130
Decimal	9004674
CIE Lab	47.54, 18.98, -10.05
CIE LCh	48, 21.481, 332.096
Yxy	16.4328, 0.3247, 0.2794
Android (android.graphics.Color)	4287194754 (0xFF896682)
YUV	115.6570, 7.0711, 18.7178
Hunter-Lab	40.5374, 13.1508, -5.6796

Details

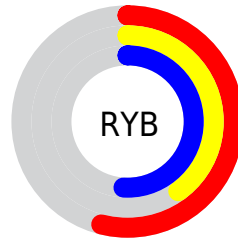
The YUV color **115.6570, 7.0711, 18.7178** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.3430, -7.0711, -18.7178**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7820, 7.5025, 20.3622**, and **67.5320, 6.6397, 17.0734** is the 20% darker color. If you saturate the color by 10%, you get **107.0970, 9.8122, 26.2249**, and if you desaturate by 10%, it is **124.2170, 4.3300, 11.2107**.

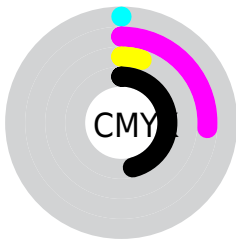
Distribution



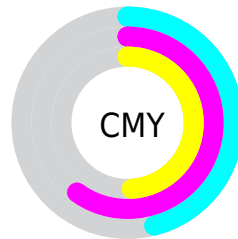
- Red (54%)
- Green (40%)
- Blue (51%)



- Red (54%)
- Yellow (40%)
- Blue (51%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (46%)



- Cyan (46%)
- Magenta (60%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6570, 7.0711, 18.7178 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 115.6570, 7.0711, 18.7178 by changing the saturation by 10% instead.

■ 115.6570, 7.0711,
18.7178

■ 115.6570, 7.0711,
18.7178

■ 255.0000, 0.0000,
0.0000

■ 90.9450, 6.9291,
17.5882

■ 167.7820, 7.5025,
20.3622

■ 67.5320, 6.6397,
17.0734

■ 195.1950, 7.7919,
20.8770

■ 44.8200, 6.4977,
15.9439

■ 223.1950, 7.7919,
20.8770

■ 23.1080, 6.3558,
14.8143

■ 243.8470, 5.4984,
9.7812

■ 6.0810, 3.9041,
7.8220

■ 0.0000, 0.0000,
0.0000

■ 115.6570, 7.0711,
18.7178

■ 115.6570, 7.0711,
18.7178

■ 107.0970, 9.8122,
26.2249

■ 124.2170, 4.3300,
11.2107

■ 99.2380, 12.7007,
33.1173

■ 132.0760, 1.4415,
4.3183

■ 90.6780, 15.4417,
40.6244

■ 140.6360, -1.2995,
-3.1888

■ 82.1180, 18.1828,
48.1315

■ 149.1960, -4.0406,
-10.6959

■ 74.1450, 20.6345,
55.1238

■ 157.7560, -6.7817,
-18.2030

■ 65.6990, 23.8124,
62.5310

■ 165.6150, -9.6702,
-25.0954

■ 57.1390, 26.5535,
70.0381


■ 174.1750,
-12.4113, -32.6025

■ 53.5030, 27.8530,

■ 182.7350,

73.2269

-15.1524, -40.1096

 190.7080,
-17.6040, -47.1019

Harmonies

Analogous

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



114.6810, 13.9613, 2.0338



115.6570, 7.0711, 18.7178



115.1330, -1.5446, 28.8244

Triad

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



115.6570, 7.0711, 18.7178



111.5980, -17.0568, 10.8766



103.2920, 13.6600, -41.4751

Complementary

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



115.6570, 7.0711, 18.7178



123.3430, -7.0711, -18.7178

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.



104.5180, 4.1816, -34.6573



115.6570, 7.0711, 18.7178



109.4220, -13.5190, -3.8781

Square

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



115.6570, 7.0711, 18.7178



113.3160, -15.9318, 23.4019



106.9730, -5.9027, -20.1473



106.3020, 18.5851, -34.4679

Rectangle

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



115.6570, 7.0711, 18.7178



114.6510, -7.2229, 30.1241



106.9730, -5.9027, -20.1473



103.6080, 11.0393, -40.8752

Sweetspot

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



115.6570, 7.0711, 18.7178



169.8530, 3.0305, 8.0219



108.0830, 14.2561, 0.8042



83.4890, 1.7309, 4.8331



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



115.6570, 7.0711, 18.7178



144.7600, 10.9643, 30.0285



113.7190, -0.3545, 20.4174



64.6630, 1.1521, 3.8035



51.8510, 26.6955, 71.1677



1.9510, 1.0102, 2.6740

Inverse Universe

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



115.6570, 7.0711, 18.7178



144.7600, 10.9643, 30.0285



125.3950, 0.7913, -20.5174



64.6630, 1.1521, 3.8035



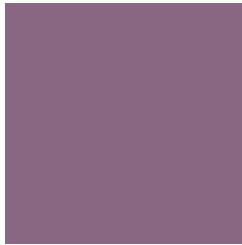
51.8510, 26.6955, 71.1677



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 115.6570, 7.0711, 18.7178 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 115.6570, 7.0711, 18.7178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

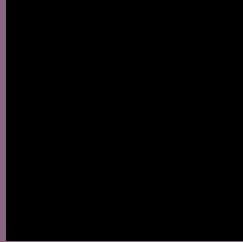
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.6570, 7.0711, 18.7178

Background



This preview shows how black text looks on a background with the YUV color 115.6570, 7.0711, 18.7178.



This preview shows how white text looks on a background with the YUV color 115.6570, 7.0711,

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

115.6570, 7.0711, 18.7178

Protanopia

113.6540, 11.5096, -4.9586

Deuteranopia

114.1450, 6.8305, 2.5038



Tritanopia

114.8820, -0.9278, 17.6435

Trichromacy



Original Color

115.6570, 7.0711, 18.7178

Protanomaly

114.2530, 9.7353, 4.1631

Deuteranomaly

114.5910, 7.1036, 8.2517

Tritanomaly

115.2780, 1.8349, 18.1732

Monochromacy



Original Color

115.6570, 7.0711, 18.7178

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6570, 7.0711, 18.7178 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(137, 102, 130)` looks like.

```
.text, #text, p{  
    color:rgb(137, 102, 130)  
}
```

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(137, 102, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 102, 130) }
```

Border

The CSS property to change the border of an element to YUV 115.6570, 7.0711, 18.7178 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(137, 102, 130) }
```


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

```
.border{ border-color:rgb(137, 102, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 102, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 102, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 102, 130);  
box-shadow:4px 4px 4px 4px rgb(137, 102,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 115.6570, 7.0711, 18.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 102, 130) }
```

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

```
.background{ background-color: rgb(137,  
102, 130) }
```

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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