

Converting Colors

YUV(116.5710, 4.1555, 20.5472)

Have a look what the booklet for
YUV(116.5710, 4.1555, 20.5472)
contains.

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Color

**YUV(116.5710, 4.1555,
20.5472)**

Conversions

Conversions Part 1

Format	Color
Hex	8C677D
RGB	140, 103, 125
RGB Percent	55%, 40%, 49%
CMY	0.4510, 0.5961, 0.5098
CMYK	0.00, 0.26, 0.11, 0.45
HSL	324°, 15%, 48%
HSV	324°, 26%, 55%
XYZ	19.3671, 16.7566, 21.6156
YIQ	116.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

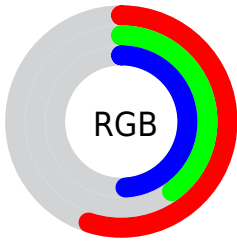
Format	Color
R_{YB}	140, 103, 125
Decimal	9201533
CIE _{Lab}	47.95, 18.57, -6.41
CIE _{LCh}	48, 19.645, 340.956
Yxy	16.7566, 0.3354, 0.2902
Android (android.graphics.Color)	4287391613 (0xFF8C677D)
YUV	116.5710, 4.1555, 20.5472
Hunter-Lab	40.9348, 12.8161, -2.6537

Details

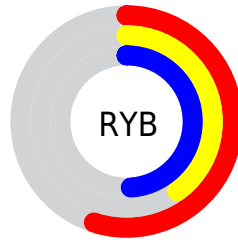
The YUV color **116.5710, 4.1555, 20.5472** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126.4290, -4.1555, -20.5472**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6960, 4.5869, 22.1916**, and **67.5600, 4.1609, 18.8029** is the 20% darker color. If you saturate the color by 10%, you get **107.6690, 5.5862, 28.3543**, and if you desaturate by 10%, it is **125.4730, 2.7248, 12.7402**.

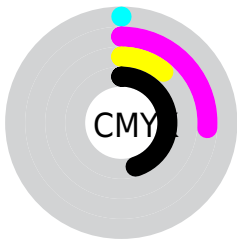
Distribution



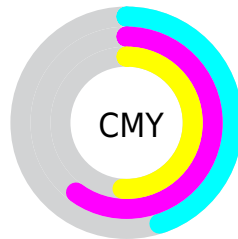
- Red (55%)
- Green (40%)
- Blue (49%)



- Red (55%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (26%)
- Yellow (11%)
- Black (45%)





- Cyan (45%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.5710, 4.1555, 20.5472 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 116.5710, 4.1555, 20.5472 by changing the saturation by 10% instead.


 116.5710, 4.1555,
20.5472


 116.5710, 4.1555,
20.5472

255.0000, 0.0000,
0.0000

 91.8590, 4.0135,
19.4177

 168.6960, 4.5869,
22.1916


 67.5600, 4.1609,
18.8029


 195.9950, 4.4395,
22.8064


 44.8480, 4.0189,
17.6733

 224.2940, 4.2921,
23.4212

 23.2500, 4.3137,
16.4438

 244.4340, 5.2090,
9.2664

 6.4790, 0.2569,
10.9809

 0.0000, 0.0000,
0.0000

■ 116.5710, 4.1555,
20.5472

■ 116.5710, 4.1555,
20.5472

■ 107.6690, 5.5862,
28.3543

■ 125.4730, 2.7248,
12.7402

■ 98.8810, 7.4537,
36.0614

■ 134.2610, 0.8573,
5.0331

■ 89.9790, 8.8844,
43.8684

■ 143.1630, -0.5734,
-2.7740

■ 81.0770, 10.3150,
51.6755

■ 152.0650, -2.0040,
-10.5810

■ 72.2890, 12.1825,
59.3825

■ 160.8530, -3.8715,
-18.2881

■ 63.3870, 13.6132,
67.1896

■ 169.7550, -5.3022,
-26.0951

■ 54.4850, 15.0439,
74.9967


■ 178.6570, -6.7329,
-33.9022

■ 51.3220, 15.6173,

■ 187.4450, -8.6004,

77.7706

-41.6093

 196.3470,
-10.0311, -49.4163

Harmonies

Analogous

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



115.7310, 11.4716, 7.2519



116.5710, 4.1555, 20.5472



116.1390, -4.0125, 27.0651

Triad

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



116.5710, 4.1555, 20.5472



112.6190, -15.5882, 6.4731



106.4390, 14.0806, -36.3420

Complementary

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



116.5710, 4.1555, 20.5472



126.4290, -4.1555, -20.5472

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.



106.0990, 6.3602, -33.4128



116.5710, 4.1555, 20.5472



110.0840, -10.8874, -7.9667

Square

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



116.5710, 4.1555, 20.5472



113.8100, -15.1893, 18.5836



107.7600, -2.8397, -22.5915



109.4170, 17.5424, -26.6757

Rectangle

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



116.5710, 4.1555, 20.5472



115.5860, -8.6699, 27.5501



107.7600, -2.8397, -22.5915



106.1570, 11.7546, -36.9717

Sweetspot

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



116.5710, 4.1555, 20.5472



172.0980, 1.4307, 7.8071



111.7030, 13.9504, 5.5225



86.2610, 0.8573, 5.0331



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



116.5710, 4.1555, 20.5472



144.3320, 6.7383, 32.1578



114.5190, -3.7069, 22.3468



64.5490, 0.7153, 3.9035



48.7730, 14.9019, 73.8671



1.8370, 0.5734, 2.7740

Inverse Universe

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



116.5710, 4.1555, 20.5472



144.3320, 6.7383, 32.1578



128.4810, 3.7069, -22.3468



64.5490, 0.7153, 3.9035



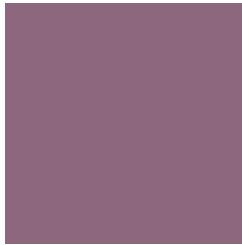
48.7730, 14.9019, 73.8671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 116.5710, 4.1555, 20.5472 looks on a white background.

Color Contrast Check

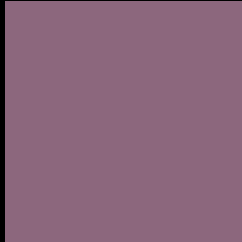
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5710, 4.1555, 20.5472 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 116.5710, 4.1555, 20.5472

Background



This preview shows how black text looks on a background with the YUV color 116.5710, 4.1555, 20.5472.



This preview shows how white text looks on a background with the YUV color 116.5710, 4.1555,

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

116.5710, 4.1555, 20.5472

Protanopia

114.4540, 8.1572, -3.0292

Deuteranopia

115.4720, 4.2043, 4.8481



Tritanopia

116.0780, -1.5175, 20.1026

Trichromacy



Original Color

116.5710, 4.1555, 20.5472

Protanomaly

115.1670, 6.8197, 5.9925

Deuteranomaly

115.8040, 4.0406, 10.6959

Tritanomaly

115.9470, 0.5191, 20.2175

Monochromacy



Original Color

116.5710, 4.1555, 20.5472

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.7990, 1.5781, 7.1923

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5710, 4.1555, 20.5472 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(140, 103, 125)` looks like.

```
.text, #text, p{  
    color:rgb(140, 103, 125)  
}
```

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(140, 103, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 103, 125) }
```

Border

The CSS property to change the border of an element to YUV 116.5710, 4.1555, 20.5472 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(140, 103, 125) }
```


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

```
.border{ border-color:rgb(140, 103, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 103, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 103, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 103, 125);  
box-shadow:4px 4px 4px 4px rgb(140, 103,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 116.5710, 4.1555, 20.5472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 103, 125) }
```

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

```
.background{ background-color: rgb(140,  
103, 125) }
```

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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