

Converting Colors

YUV(115.0050, -3.9465,
52.6156)

Have a look what the booklet for
YUV(115.0050, -3.9465, 52.6156)
contains.

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Color

**YUV(115.0050, -3.9465,
52.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	AF566B
RGB	175, 86, 107
RGB Percent	69%, 34%, 42%
CMY	0.3137, 0.6627, 0.5804
CMYK	0.00, 0.51, 0.39, 0.31
HSL	346°, 36%, 51%
HSV	346°, 51%, 69%
XYZ	23.6608, 16.8311, 15.9116
YIQ	115.0050, 46.3030, 25.3990

Conversions

Conversions Part 2

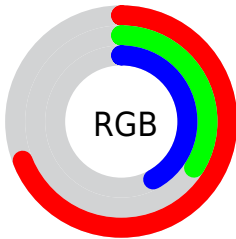
Format	Color
R_{YB}	175, 86, 107
Decimal	11490923
CIE _{Lab}	48.05, 38.47, 5.08
CIE _{LCh}	48, 38.805, 7.522
Yxy	16.8311, 0.4195, 0.2984
Android (android.graphics.Color)	4289681003 (0xFFAF566B)
YUV	115.0050, -3.9465, 52.6156
Hunter-Lab	41.0257, 31.1517, 5.7227

Details

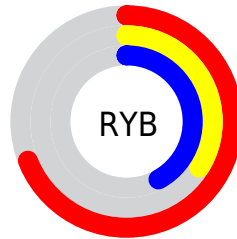
The YUV color **115.0050, -3.9465, 52.6156** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **145.9950, 3.9465, -52.6156**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6850, -5.2677, 56.4043**, and **62.9660, -1.4622, 49.1418** is the 20% darker color. If you saturate the color by 10%, you get **103.5440, -4.7052, 62.6669**, and if you desaturate by 10%, it is **127.0530, -3.4771, 42.0495**.

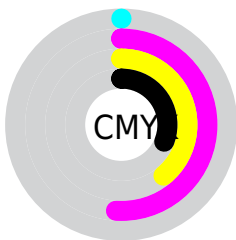
Distribution



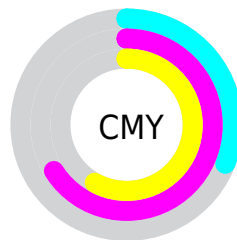
- Red (69%)
- Green (34%)
- Blue (42%)



- Red (69%)
- Yellow (34%)
- Blue (42%)



- Cyan (0%)
- Magenta (51%)
- Yellow (39%)
- Black (31%)



- Cyan (31%)
- Magenta (66%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0050, -3.9465, 52.6156 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 115.0050, -3.9465, 52.6156 by changing the saturation by 10% instead.

■ 115.0050, -3.9465,
52.6156

■ 115.0050, -3.9465,
52.6156

■ 255.0000, 0.0000,
0.0000

■ 89.2220, -3.0674,
50.6713

■ 168.6850, -5.2677,
56.4043

■ 62.9660, -1.4622,
49.1418

■ 194.1900, -4.5307,
53.3304

■ 34.7750, 1.5899,
50.1863

■ 213.8180, -0.4033,
36.1166

■ 21.7860, -1.8665,
38.7757

■ 233.4460, 3.7241,
18.9029

■ 12.9710, -5.9017,
26.3354

■ 252.0650, 1.4470,
2.5740

■ 0.0000, 0.0000,
0.0000

■ 115.0050, -3.9465,
52.6156

■ 115.0050, -3.9465,
52.6156

■ 103.5440, -4.7052,
62.6669

■ 127.0530, -3.4771,
42.0495

■ 91.3820, -5.6113,
73.3330

■ 138.6280, -2.2816,
31.8982

■ 79.3340, -6.0807,
83.8991

■ 150.6760, -1.8123,
21.3321

■ 67.8730, -6.8394,
93.9504

■ 162.1370, -1.0535,
11.2809

■ 56.9990, -7.8875,
103.4869

■ 174.2990, -0.1474,
0.6148

■ 185.7600, 0.6113,
-9.4365

■ 197.9220, 1.5175,
-20.1026

■ 209.3830, 2.2762,

-30.1539

■ 221.4310, 2.7455,
-40.7200

Harmonies

Analogous

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



116.9290, 11.3740, 38.6503



115.0050, -3.9465, 52.6156



113.7970, -18.6339, 50.1670

Triad

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



115.0050, -3.9465, 52.6156



106.5380, -22.9432, -14.5038



92.6240, 40.1184, -81.2312

Complementary

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



115.0050, -3.9465, 52.6156



145.9950, 3.9465, -52.6156

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.



93.1650, 29.4987, -81.7057



115.0050, -3.9465, 52.6156



98.3130, -5.0843, -49.3865

Square

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



115.0050, -3.9465, 52.6156



110.1240, -31.6131, 13.0463



90.8050, 15.3791, -79.6360



109.4390, 34.2936, -32.8340

Rectangle

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



115.0050, -3.9465, 52.6156



112.9780, -26.6112, 42.1153



90.8050, 15.3791, -79.6360



93.2280, 37.3556, -81.7610

Sweetspot

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



115.0050, -3.9465, 52.6156



204.0780, -1.5175, 20.1026



116.1790, 28.9988, 32.2920



100.8490, -0.9116, 12.4104



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.



115.0050, -3.9465, 52.6156



133.9100, -6.3646, 81.6399



125.5250, -19.4858, 43.3896



80.9190, -0.4531, 5.3330



48.8400, -6.8231, 88.7173



7.4470, -1.2064, 13.6400

Inverse Universe

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



115.0050, -3.9465, 52.6156



133.9100, -6.3646, 81.6399



135.4750, 19.4858, -43.3896



80.9190, -0.4531, 5.3330



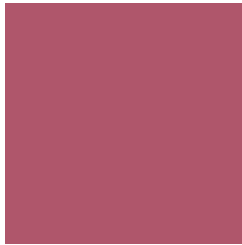
48.8400, -6.8231, 88.7173



7.4470, -1.2064, 13.6400

Previews

White Background



This preview shows how the YUV color 115.0050, -3.9465, 52.6156 looks on a white background.

Color Contrast Check

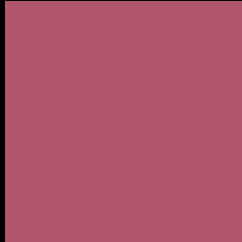
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.0050, -3.9465, 52.6156 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 115.0050, -3.9465, 52.6156

Background



This preview shows how black text looks on a background with the YUV color 115.0050, -3.9465, 52.6156.



This preview shows how white text looks on a background with the YUV color 115.0050, -3.9465,

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

115.0050, -3.9465, 52.6156

Protanopia

115.0260, 3.9312, -0.8998

Deuteranopia

115.1820, -6.0057, 12.9954



Tritanopia

114.3980, -10.0562, 52.2710

Trichromacy



Original Color

115.0050, -3.9465, 52.6156

Protanomaly

115.0500, 0.9614, 18.3732

Deuteranomaly

114.7970, -5.3229, 27.3650

Tritanomaly

114.3810, -7.5828, 52.2859

Monochromacy



Original Color

115.0050, -3.9465, 52.6156

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7790, -1.3700, 19.4878

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0050, -3.9465, 52.6156 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(175, 86, 107)` looks like.

```
.text, #text, p{  
    color:rgb(175, 86, 107)  
}
```

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(175, 86, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 86, 107) }
```

Border

The CSS property to change the border of an element to YUV 115.0050, -3.9465, 52.6156 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(175, 86, 107) }
```


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

```
.border{ border-color:rgb(175, 86, 107) }
```

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

Here you see how a box with a 4 pixel rgb(175, 86, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 86, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 86, 107);  
box-shadow:4px 4px 4px 4px rgb(175, 86,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 115.0050, -3.9465, 52.6156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 86, 107) }
```

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

```
.background{ background-color: rgb(175, 86,  
107) }
```

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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