

Converting Colors

YUV(115.0410, 1.4588, 45.5680)

Have a look what the booklet for
YUV(115.0410, 1.4588, 45.5680)
contains.

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Color

**YUV(115.0410, 1.4588,
45.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	A75876
RGB	167, 88, 118
RGB Percent	65%, 35%, 46%
CMY	0.3451, 0.6549, 0.5373
CMYK	0.00, 0.47, 0.29, 0.35
HSL	337°, 31%, 50%
HSV	337°, 47%, 65%
XYZ	22.6961, 16.5029, 19.1287
YIQ	115.0410, 37.4540, 26.0780

Conversions

Conversions Part 2

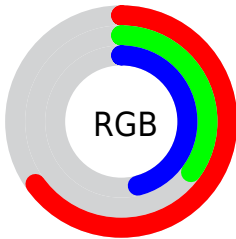
Format	Color
R_{YB}	167, 88, 118
Decimal	10967158
CIE _{Lab}	47.63, 35.94, -2.31
CIE _{LCh}	48, 36.017, 356.321
Yxy	16.5029, 0.3891, 0.2829
Android (android.graphics.Color)	4289157238 (0xFFA75876)
YUV	115.0410, 1.4588, 45.5680
Hunter-Lab	40.6238, 28.6344, 0.5185

Details

The YUV color **115.0410, 1.4588, 45.5680** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **139.9590, -1.4588, -45.5680**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.5360, 0.7218, 48.6419**, and **63.7740, 3.0694, 42.2942** is the 20% darker color. If you saturate the color by 10%, you get **103.9220, 2.0105, 55.3194**, and if you desaturate by 10%, it is **126.1600, 0.9071, 35.8167**.

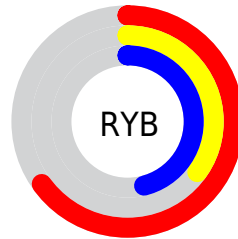
Distribution



Red (65%)

Green (35%)

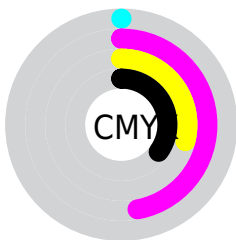
Blue (46%)



Red (65%)

Yellow (35%)

Blue (46%)

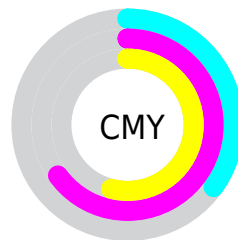


Cyan (0%)

Magenta (47%)

Yellow (29%)

Black (35%)



Cyan (35%)


Magenta (65%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0410, 1.4588, 45.5680 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 115.0410, 1.4588, 45.5680 by changing the saturation by 10% instead.

 115.0410, 1.4588,
45.5680


 115.0410, 1.4588,
45.5680


255.0000, 0.0000,
0.0000

 89.1440, 1.9010,
43.7237


 168.5360, 0.7218,
48.6419


 63.7740, 3.0694,
42.2942


 196.1340, 0.4269,
49.8715

 37.6430, 5.1060,
42.4091

 216.3600, 4.2595,
33.8873

 21.3170, 2.8017,
34.8020

 236.1020, 8.8237,
16.5735

 11.7750, -5.3121,
23.8763

 253.2390, 0.8682,
1.5444

 0.0000, 0.0000,
0.0000

■ 115.0410, 1.4588,
45.5680

■ 115.0410, 1.4588,
45.5680

■ 103.9220, 2.0105,
55.3194

■ 126.1600, 0.9071,
35.8167

■ 93.2760, 1.8359,
64.6559

■ 136.8060, 1.0816,
26.4801

■ 82.1570, 2.3876,
74.4073

■ 147.9250, 0.5300,
16.7288

■ 71.0380, 2.9393,
84.1587

■ 159.0440, -0.0217,
6.9774

■ 60.3920, 2.7647,
93.4952

■ 169.6900, 0.1528,
-2.3591

■ 57.1150, 2.9013,
96.3691

■ 180.8090, -0.3988,
-12.1105

■ 192.0420, -0.5137,
-21.9618

■ 203.1610, -1.0654,

-31.7132

 213.6930, -1.3276,
-40.9498

Harmonies

Analogous

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



116.4760, 15.0483, 26.7695



115.0410, 1.4588, 45.5680



113.6920, -12.6662, 49.3821

Triad

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



115.0410, 1.4588, 45.5680



107.4470, -24.8704, -3.0230



91.9570, 35.0242, -80.6463

Complementary

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



115.0410, 1.4588, 45.5680



139.9590, -1.4588, -45.5680

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.



90.9820, 23.6729, -79.7912



115.0410, 1.4588, 45.5680



102.3000, -11.9799, -30.9581

Square

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



115.0410, 1.4588, 45.5680



110.7490, -29.4563, 21.2681



87.4480, 10.1321, -76.6919



103.3510, 34.3370, -46.7888

Rectangle

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



115.0410, 1.4588, 45.5680



112.4820, -20.9436, 44.3043



87.4480, 10.1321, -76.6919



91.7460, 31.6772, -80.4612

Sweetspot

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



115.0410, 1.4588, 45.5680



196.6370, 0.6720, 17.8584



111.6570, 27.2841, 22.2258



97.4790, 0.2569, 10.9809



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



115.0410, 1.4588, 45.5680



135.4340, 2.2510, 71.5334



116.9040, -14.2497, 43.9342



78.7340, 0.1311, 4.6183



50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Inverse Universe

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



115.0410, 1.4588, 45.5680



135.4340, 2.2510, 71.5334



138.0960, 14.2497, -43.9342



78.7340, 0.1311, 4.6183



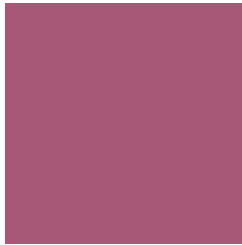
50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 115.0410, 1.4588, 45.5680 looks on a white background.

Color Contrast Check

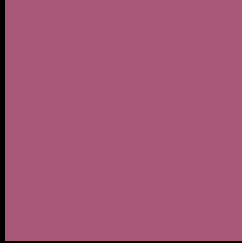
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.0410, 1.4588, 45.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

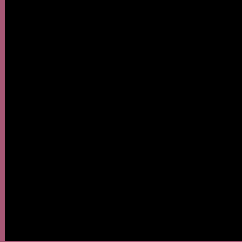
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.0410, 1.4588, 45.5680

Background



This preview shows how black text looks on a background with the YUV color 115.0410, 1.4588, 45.5680.



This preview shows how white text looks on a background with the YUV color 115.0410, 1.4588,

45.5680.

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

115.0410, 1.4588, 45.5680

Protanopia

114.0840, 9.3256, -4.4587

Deuteranopia

114.6420, -0.3165, 8.2070



Tritanopia

114.5110, -8.1399, 44.2789

Trichromacy



Original Color

115.0410, 1.4588, 45.5680

Protanomaly

114.5100, 6.6506, 13.5847

Deuteranomaly

114.8440, 0.0769, 22.0618

Tritanomaly

115.0210, -4.9404, 44.7086

Monochromacy



Original Color

115.0410, 1.4588, 45.5680

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9250, 0.5300, 16.7288

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0410, 1.4588, 45.5680 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(167, 88, 118)` looks like.

```
.text, #text, p{  
    color:rgb(167, 88, 118)  
}
```

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(167, 88, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 88, 118) }
```

Border

The CSS property to change the border of an element to YUV 115.0410, 1.4588, 45.5680 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(167, 88, 118) }
```


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

```
.border{ border-color:rgb(167, 88, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 88, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 88, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 88, 118);  
box-shadow:4px 4px 4px 4px rgb(167, 88,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 115.0410, 1.4588, 45.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 88, 118) }
```

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

```
.background{ background-color: rgb(167, 88,  
118) }
```

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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