

Converting Colors

YUV(118.0760, 11.7945,
43.7833)

Have a look what the booklet for
YUV(118.0760, 11.7945, 43.7833)
contains.

YUV(118.0760, 11.7945, 43.7833)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.0760, 11.7945,
43.7833)**

Conversions

Conversions Part 1

Format	Color
Hex	A8588E
RGB	168, 88, 142
RGB Percent	66%, 35%, 56%
CMY	0.3412, 0.6549, 0.4431
CMYK	0.00, 0.48, 0.15, 0.34
HSL	320°, 31%, 50%
HSV	320°, 48%, 66%
XYZ	24.5207, 17.2573, 27.6298
YIQ	118.0760, 30.3460, 33.7540

Conversions

Conversions Part 2

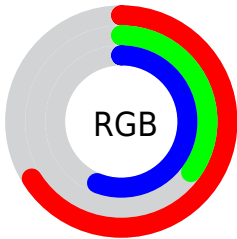
Format	Color
R_{YB}	168, 88, 142
Decimal	11032718
CIE _{Lab}	48.58, 39.93, -15.27
CIE _{LCh}	49, 42.746, 339.069
Yxy	17.2573, 0.3533, 0.2486
Android (android.graphics.Color)	4289222798 (0xFFA8588E)
YUV	118.0760, 11.7945, 43.7833
Hunter-Lab	41.5419, 32.6638, -10.3549

Details

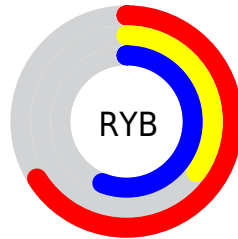
The YUV color **118.0760, 11.7945, 43.7833** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **137.9240, -11.7945, -43.7833**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7990, 11.9311, 46.6573**, and **66.2930, 12.6736, 41.8390** is the 20% darker color. If you saturate the color by 10%, you get **107.5270, 14.5302, 53.0348**, and if you desaturate by 10%, it is **128.6250, 9.0589, 34.5319**.

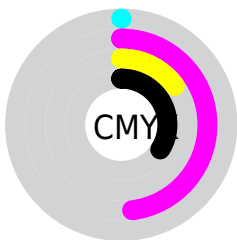
Distribution



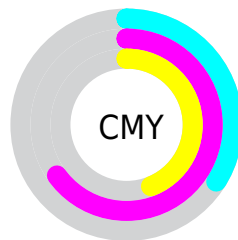
- Red (66%)
- Green (35%)
- Blue (56%)



- Red (66%)
- Yellow (35%)
- Blue (56%)



- Cyan (0%)
- Magenta (48%)
- Yellow (15%)
- Black (34%)



- Cyan (34%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.0760, 11.7945, 43.7833 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 118.0760, 11.7945, 43.7833 by changing the saturation by 10% instead.

■ 118.0760, 11.7945,
43.7833

■ 118.0760, 11.7945,
43.7833

255.0000, 0.0000,
0.0000

■ 92.3640, 11.6525,
42.6538

■ 171.7990, 11.9311,
46.6573

■ 66.2930, 12.6736,
41.8390

■ 199.5110, 12.0731,
47.7869

■ 38.7600, 14.4153,
43.1835

■ 219.4380, 16.0531,
31.1879

■ 23.7820, 10.9535,
33.5172

■ 236.2160, 9.2605,
16.4736

■ 15.1090, 4.8763,
22.7064

253.8260, 0.5788,
1.0296

■ 0.0000, 0.0000,
0.0000

■ 118.0760, 11.7945,
43.7833

■ 118.0760, 11.7945,
43.7833

■ 107.5270, 14.5302,
53.0348

■ 128.6250, 9.0589,
34.5319

■ 96.8640, 16.8290,
62.3863

■ 139.2880, 6.7600,
25.1804

■ 86.9020, 19.2753,
71.1229

■ 149.2500, 4.3137,
16.4438

■ 76.2390, 21.5742,
80.4744

■ 159.9130, 2.0149,
7.0923

■ 65.6900, 24.3098,
89.7259

■ 170.4620, -0.7208,
-2.1592


■ 63.1140, 24.5938,
91.9850

■ 181.1250, -3.0196,
-11.5106

■ 191.6740, -5.7553,
-20.7621

■ 201.7500, -7.7648,

-29.5987

 212.2990,
-10.5004, -38.8502

Harmonies

Analogous

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



118.3630, 26.4430, 11.9596



118.0760, 11.7945, 43.7833



115.2230, -4.5469, 58.5634

Triad

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



118.0760, 11.7945, 43.7833



110.6140, -34.8127, 12.6165



95.7240, 31.6881, -83.9499

Complementary

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



118.0760, 11.7945, 43.7833



137.9240, -11.7945, -43.7833

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.



92.4350, 16.5475, -81.0655



118.0760, 11.7945, 43.7833



106.0600, -24.6796, -17.5926

Square

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



118.0760, 11.7945, 43.7833



113.0500, -32.5626, 37.6671



93.8060, -2.8624, -62.0969



94.7100, 43.0340, -83.0607

Rectangle

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



118.0760, 11.7945, 43.7833



114.5360, -16.0402, 58.2889



93.8060, -2.8624, -62.0969



95.0570, 26.5939, -83.3650

Sweetspot

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



118.0760, 11.7945, 43.7833



200.2500, 4.3138, 16.4438



104.5950, 31.2587, 7.3712



98.1630, 2.8776, 10.3810



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.



118.0760, 11.7945, 43.7833



141.0650, 18.7020, 68.3490



113.6300, -5.2406, 47.6825



78.9620, 1.0047, 4.4183



55.6520, 21.8636, 80.9892



7.5760, 3.1670, 10.8958

Inverse Universe

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



118.0760, 11.7945, 43.7833



141.0650, 18.7020, 68.3490



142.3700, 5.2406, -47.6825



78.9620, 1.0047, 4.4183



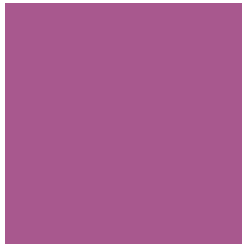
55.6520, 21.8636, 80.9892



7.5760, 3.1670, 10.8958

Previews

White Background



This preview shows how the YUV color 118.0760, 11.7945, 43.7833 looks on a white background.

Color Contrast Check

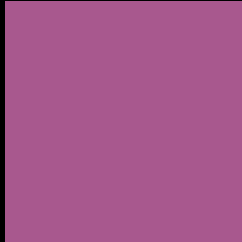
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0760, 11.7945, 43.7833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

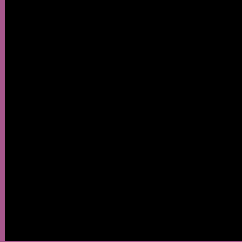
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 118.0760, 11.7945, 43.7833

Background



This preview shows how black text looks on a background with the YUV color 118.0760, 11.7945, 43.7833.



This preview shows how white text looks on a background with the YUV color 118.0760, 11.7945,

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

118.0760, 11.7945, 43.7833

Protanopia

115.7700, 22.2984, -12.0763

Deuteranopia

116.7470, 10.4777, -0.6551



Tritanopia

117.1300, -6.9661, 41.1050

Trichromacy



Original Color

118.0760, 11.7945, 43.7833

Protanomaly

116.8650, 18.3076, 8.0114

Deuteranomaly

117.2590, 10.7183, 15.5589

Tritanomaly

117.2640, -0.1302, 41.8645

Monochromacy



Original Color

118.0760, 11.7945, 43.7833

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9510, 4.4612, 15.8290

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0760, 11.7945, 43.7833 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(168, 88, 142)` looks like.

```
.text, #text, p{  
    color:rgb(168, 88, 142)  
}
```

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(168, 88, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 88, 142) }
```

Border

The CSS property to change the border of an element to YUV 118.0760, 11.7945, 43.7833 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(168, 88, 142) }
```


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

```
.border{ border-color:rgb(168, 88, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 88, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 88, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 88, 142);  
box-shadow:4px 4px 4px 4px rgb(168, 88,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 118.0760, 11.7945, 43.7833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 88, 142) }
```

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

```
.background{ background-color: rgb(168, 88,  
142) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor