

Converting Colors

YUV(119.5220, -8.1453,
46.0232)

Have a look what the booklet for
YUV(119.5220, -8.1453, 46.0232)
contains.

YUV(119.5220, -8.1453, 46.0232)	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(119.5220, -8.1453,
46.0232)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6067
RGB	172, 96, 103
RGB Percent	67%, 38%, 40%
CMY	0.3255, 0.6235, 0.5961
CMYK	0.00, 0.44, 0.40, 0.33
HSL	354°, 31%, 53%
HSV	354°, 44%, 67%
XYZ	23.6443, 18.1157, 15.0824
YIQ	119.5220, 43.0490, 18.2890

Conversions

Conversions Part 2

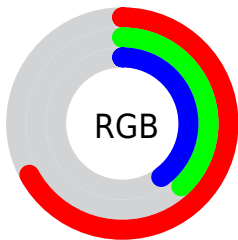
Format	Color
R_{YB}	172, 96, 103
Decimal	11296871
CIE _{Lab}	49.64, 31.55, 9.68
CIE _{LCh}	50, 32.999, 17.064
Yxy	18.1157, 0.4160, 0.3187
Android (android.graphics.Color)	4289486951 (0xFFAC6067)
YUV	119.5220, -8.1453, 46.0232
Hunter-Lab	42.5625, 24.6759, 8.7838

Details

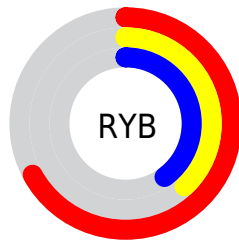
The YUV color **119.5220, -8.1453, 46.0232** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **148.4780, 8.1453, -46.0232**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2020, -9.4666, 49.8118**, and **68.9560, -6.3873, 42.1346** is the 20% darker color. If you saturate the color by 10%, you get **107.7190, -10.2145, 56.3744**, and if you desaturate by 10%, it is **131.3250, -6.0762, 35.6720**.

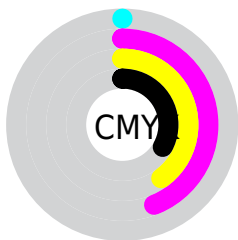
Distribution



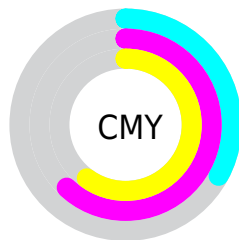
- Red (67%)
- Green (38%)
- Blue (40%)



- Red (67%)
- Yellow (38%)
- Blue (40%)



- Cyan (0%)
- Magenta (44%)
- Yellow (40%)
- Black (33%)




- Cyan (33%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.5220, -8.1453, 46.0232 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 119.5220, -8.1453, 46.0232 by changing the saturation by 10% instead.


 119.5220, -8.1453,
46.0232

 119.5220, -8.1453,
46.0232


255.0000, 0.0000,
0.0000


 93.7390, -7.2663,
44.0789


 173.2020, -9.4666,
49.8118

 68.9560, -6.3873,
42.1346


 199.6040, -9.1718,
48.5823

 44.4010, -4.6347,
39.9903

 219.1180, -5.4812,
31.4685

 20.6180, -3.7557,
38.0460

 238.8600, -0.9170,
14.1548

 12.9710, -5.9017,
26.3354

 0.0000, 0.0000,
0.0000

■ 119.5220, -8.1453,
46.0232

■ 119.5220, -8.1453,
46.0232

■ 107.7190,
-10.2145, 56.3744

■ 131.3250, -6.0762,
35.6720

■ 96.0300, -11.8468,
66.6257

■ 143.0140, -4.4439,
25.4207

■ 83.6400, -13.6265,
77.4917

■ 155.4040, -2.6642,
14.5547

■ 71.9510, -15.2588,
87.7430

■ 167.0930, -1.0318,
4.3034

■ 60.1480, -17.3280,
98.0942

■ 178.8960, 1.0373,
-6.0478


■ 53.2520, -18.3652,
104.1420

■ 190.6990, 3.1064,
-16.3990

■ 202.3880, 4.7387,
-26.6503

■ 214.7780, 6.5184,

-37.5163

 226.5810, 8.5876,
-47.8675

Harmonies

Analogous

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



120.9090, 4.9749, 37.7908



119.5220, -8.1453, 46.0232



118.1010, -19.7698, 41.1304

Triad

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



119.5220, -8.1453, 46.0232



110.4540, -15.5068, -19.6922



106.4490, 32.3166, -52.1368

Complementary

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



119.5220, -8.1453, 46.0232



148.4780, 8.1453, -46.0232

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.



94.3220, 31.3933, -82.7204



119.5220, -8.1453, 46.0232



103.8060, 0.5886, -48.9419

Square

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



119.5220, -8.1453, 46.0232



114.0890, -25.1869, 5.1839



93.3470, 20.0419, -81.8653



117.4970, 26.3770, -13.5909

Rectangle

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



119.5220, -8.1453, 46.0232



117.3680, -24.8314, 31.2493



93.3470, 20.0419, -81.8653



99.1970, 34.4129, -71.2098

Sweetspot

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



119.5220, -8.1453, 46.0232



204.0130, -2.9644, 17.5286



124.9960, 23.1730, 34.2065



99.6100, -1.7797, 10.8660



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



119.5220, -8.1453, 46.0232



141.8350, -12.7367, 72.0587



136.3340, -19.8847, 31.2791



80.8050, -0.8899, 5.4330



46.4460, -15.9959, 90.8169



7.1050, -2.5168, 13.9399

Inverse Universe

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



119.5220, -8.1453, 46.0232



141.8350, -12.7367, 72.0587



131.6660, 19.8847, -31.2791



80.8050, -0.8899, 5.4330



46.4460, -15.9959, 90.8169



7.1050, -2.5168, 13.9399

Previews

White Background



This preview shows how the YUV color 119.5220, -8.1453, 46.0232 looks on a white background.

Color Contrast Check

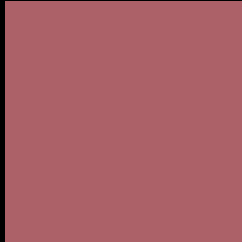
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.5220, -8.1453, 46.0232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

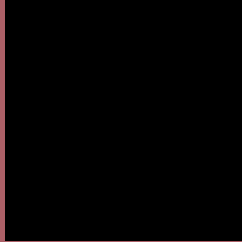
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.5220, -8.1453, 46.0232

Background



This preview shows how black text looks on a background with the YUV color 119.5220, -8.1453, 46.0232.



This preview shows how white text looks on a background with the YUV color 119.5220, -8.1453,

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

119.5220, -8.1453, 46.0232

Protanopia

118.8540, -1.9000, 2.7590

Deuteranopia

119.2810, -9.5055, 15.5396



Tritanopia

119.5220, -8.1453, 46.0232

Trichromacy



Original Color

119.5220, -8.1453, 46.0232

Protanomaly

119.0840, -3.9854, 18.3433

Deuteranomaly

119.1730, -8.9593, 27.0353

Tritanomaly

119.5220, -8.1453, 46.0232

Monochromacy



Original Color

119.5220, -8.1453, 46.0232

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.7140, -2.8170, 16.9138

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5220, -8.1453, 46.0232 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(172, 96, 103)` looks like.

```
.text, #text, p{  
    color:rgb(172, 96, 103)  
}
```

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(172, 96, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 96, 103) }
```

Border

The CSS property to change the border of an element to YUV 119.5220, -8.1453, 46.0232 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(172, 96, 103) }
```


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

```
.border{ border-color:rgb(172, 96, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 96, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 96, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 96, 103);  
box-shadow:4px 4px 4px 4px rgb(172, 96,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 119.5220, -8.1453, 46.0232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 96, 103) }
```

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

```
.background{ background-color: rgb(172, 96,  
103) }
```

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