

Converting Colors

YUV(102.7330, -4.7984,
45.8382)

Have a look what the booklet for
YUV(102.7330, -4.7984, 45.8382)
contains.

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Color

**YUV(102.7330, -4.7984,
45.8382)**

Conversions

Conversions Part 1

Format	Color
Hex	9B4E5D
RGB	155, 78, 93
RGB Percent	61%, 31%, 36%
CMY	0.3922, 0.6941, 0.6353
CMYK	0.00, 0.50, 0.40, 0.39
HSL	348°, 33%, 46%
HSV	348°, 50%, 61%
XYZ	18.2177, 13.2077, 11.9451
YIQ	102.7330, 41.0770, 20.9890

Conversions

Conversions Part 2

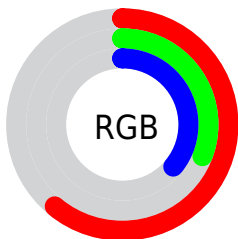
Format	Color
RYB	155, 78, 93
Decimal	10178141
CIELab	43.07, 33.65, 6.11
CIELCh	43, 34.204, 10.290
Yxy	13.2077, 0.4200, 0.3045
Android (android.graphics.Color)	4288368221 (0xFF9B4E5D)
YUV	102.7330, -4.7984, 45.8382
Hunter-Lab	36.3423, 25.8797, 5.9521

Details

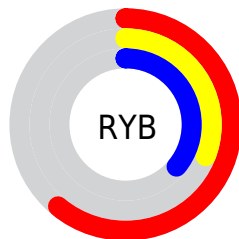
The YUV color **102.7330, -4.7984, 45.8382** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.2670, 4.7984, -45.8382**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4130, -6.1196, 49.6268**, and **52.5800, -2.7509, 42.4643** is the 20% darker color. If you saturate the color by 10%, you get **92.5600, -5.6991, 54.7599**, and if you desaturate by 10%, it is **113.4930, -4.1870, 36.4016**.

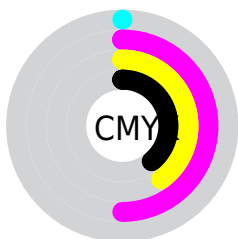
Distribution



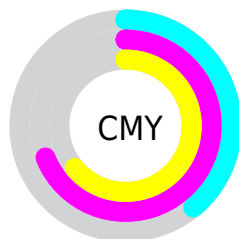
- Red (61%)
- Green (31%)
- Blue (36%)



- Red (61%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (50%)
- Yellow (40%)
- Black (39%)





- Cyan (39%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.7330, -4.7984, 45.8382 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 102.7330, -4.7984, 45.8382 by changing the saturation by 10% instead.


 102.7330, -4.7984,
45.8382


 102.7330, -4.7984,
45.8382


255.0000, 0.0000,
0.0000


 77.0640, -3.4826,
43.7939


 155.4130, -6.1196,
49.6268

 52.5800, -2.7509,
42.4643


 183.0110, -6.4144,
50.8564


 25.7910, 0.5960,
42.2793

 206.1240, -4.4981,
42.8643

 15.2490, -7.5178,
31.3536

 225.7520, -0.3707,
25.6505

 2.9900, -1.4741,
6.1478

 245.9670, 3.4673,
7.9219

 0.0000, 0.0000,
0.0000

102.7330, -4.7984,
45.8382

102.7330, -4.7984,
45.8382

92.5600, -5.6991,
54.7599

113.4930, -4.1870,
36.4016

81.6860, -6.7472,
64.2964

123.7800, -2.8495,
27.3799

71.5130, -7.6479,
73.2181

133.9530, -1.9488,
18.4582

60.6390, -8.6960,
82.7546

144.8270, -0.9007,
8.9217

50.4660, -9.5967,
91.6763

155.0000, 0.0000,
0.0000

49.7650, -9.7441,
92.2911

165.8740, 1.0481,
-9.5365

176.6340, 1.6594,
-18.9730

186.9210, 2.9969,

-27.9947

■ 197.6810, 3.6083,
-37.4312

Harmonies

Analogous

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



104.3970, 8.1853, 34.7318



102.7330, -4.7984, 45.8382



102.0950, -17.3018, 42.8897

Triad

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



102.7330, -4.7984, 45.8382



95.2760, -18.8701, -14.2741



82.2400, 35.8707, -72.1245

Complementary

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



102.7330, -4.7984, 45.8382



130.2670, 4.7984, -45.8382

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.



83.2370, 26.9982, -72.9988



102.7330, -4.7984, 45.8382



87.9160, -2.9166, -44.6533

Square

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



102.7330, -4.7984, 45.8382



98.0680, -26.6555, 9.5874



80.7460, 14.9152, -70.8142



98.7130, 28.7355, -23.4273

Rectangle

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



102.7330, -4.7984, 45.8382



101.0310, -23.6793, 35.0528



80.7460, 14.9152, -70.8142



82.8440, 33.1079, -72.6542

Sweetspot

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



102.7330, -4.7984, 45.8382



180.6540, -1.8014, 17.8434



105.3160, 24.4942, 30.4179



89.7240, -1.3429, 10.7661



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



102.7330, -4.7984, 45.8382



119.5020, -7.6425, 71.4737



114.5240, -18.0063, 35.4975



71.5060, -0.7425, 4.8182



44.9380, -8.8434, 83.3694



4.1150, -1.0427, 7.7921

Inverse Universe

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



102.7330, -4.7984, 45.8382



119.5020, -7.6425, 71.4737



118.4760, 18.0063, -35.4975



71.5060, -0.7425, 4.8182



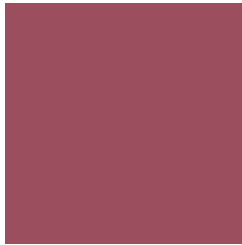
44.9380, -8.8434, 83.3694



4.1150, -1.0427, 7.7921

Previews

White Background



This preview shows how the YUV color 102.7330, -4.7984, 45.8382 looks on a white background.

Color Contrast Check

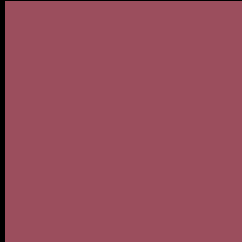
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.7330, -4.7984, 45.8382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

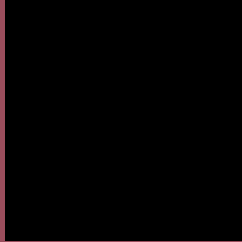
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.7330, -4.7984, 45.8382

Background



This preview shows how black text looks on a background with the YUV color 102.7330, -4.7984, 45.8382.



This preview shows how white text looks on a background with the YUV color 102.7330, -4.7984,

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

102.7330, -4.7984, 45.8382

Protanopia

102.7550, 1.5998, 0.2149

Deuteranopia

103.3560, -6.5845, 11.9658



Tritanopia

102.1090, -8.4347, 45.5084

Trichromacy



Original Color

102.7330, -4.7984, 45.8382

Protanomaly

102.5830, -0.7804, 17.0287

Deuteranomaly

102.9600, -5.8963, 24.5911

Tritanomaly

102.4510, -7.1243, 45.2085

Monochromacy



Original Color

102.7330, -4.7984, 45.8382

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9420, -1.9434, 16.7139

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.7330, -4.7984, 45.8382 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(155, 78, 93)` looks like.

```
.text, #text, p{  
    color:rgb(155, 78, 93)  
}
```

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(155, 78, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 78, 93) }
```

Border

The CSS property to change the border of an element to YUV 102.7330, -4.7984, 45.8382 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(155, 78, 93) }
```


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

```
.border{ border-color:rgb(155, 78, 93) }
```

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

Here you see how a box with a 4 pixel rgb(155, 78, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 78, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 78, 93);  
box-shadow:4px 4px 4px 4px rgb(155, 78,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 102.7330, -4.7984, 45.8382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 78, 93) }
```

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

```
.background{ background-color: rgb(155, 78,  
93) }
```

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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