

Converting Colors

YUV(104.7350, 5.5536, 38.8204)

Have a look what the booklet for
YUV(104.7350, 5.5536, 38.8204)
contains.

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Color

**YUV(104.7350, 5.5536,
38.8204)**

Conversions

Conversions Part 1

Format	Color
Hex	955074
RGB	149, 80, 116
RGB Percent	58%, 31%, 45%
CMY	0.4157, 0.6863, 0.5451
CMYK	0.00, 0.46, 0.22, 0.42
HSL	329°, 30%, 45%
HSV	329°, 46%, 58%
XYZ	18.4155, 13.3878, 18.1365
YIQ	104.7350, 29.5680, 25.8240

Conversions

Conversions Part 2

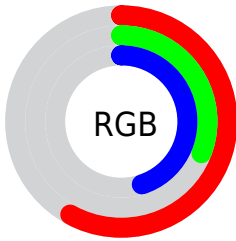
Format	Color
R_{YB}	149, 80, 116
Decimal	9785460
CIE Lab	43.34, 33.54, -7.73
CIE LCh	43, 34.419, 347.023
Yxy	13.3878, 0.3688, 0.2681
Android (android.graphics.Color)	4287975540 (0xFF955074)
YUV	104.7350, 5.5536, 38.8204
Hunter-Lab	36.5894, 25.8078, -3.7761

Details

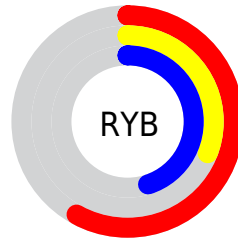
The YUV color **104.7350, 5.5536, 38.8204** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.2650, -5.5536, -38.8204**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3440, 5.2534, 41.7943**, and **54.6530, 6.5801, 36.2613** is the 20% darker color. If you saturate the color by 10%, you get **95.1320, 6.8369, 47.2422**, and if you desaturate by 10%, it is **114.3380, 4.2704, 30.3986**.

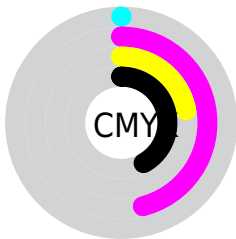
Distribution



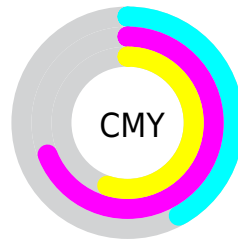
- Red (58%)
- Green (31%)
- Blue (45%)



- Red (58%)
- Yellow (31%)
- Blue (45%)



- Cyan (0%)
- Magenta (46%)
- Yellow (22%)
- Black (42%)





- Cyan (42%)
- Magenta (69%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.7350, 5.5536, 38.8204 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 104.7350, 5.5536, 38.8204 by changing the saturation by 10% instead.


 104.7350, 5.5536,
38.8204

 104.7350, 5.5536,
38.8204


255.0000, 0.0000,
0.0000


 79.7240, 5.5591,
37.0761


 157.3440, 5.2534,
41.7943


 54.6530, 6.5801,
36.2613


 184.6430, 5.1060,
42.4091


 28.8210, 8.4692,
36.9910

 210.2620, 6.2798,
39.2352

 16.9030, 3.9918,
26.3951

 230.0040, 10.8440,
21.9215

 3.5880, -1.7689,
7.3773

 247.3690, 3.7621,
6.6924

 0.0000, 0.0000,
0.0000

104.7350, 5.5536,
38.8204

104.7350, 5.5536,
38.8204

95.1320, 6.8369,
47.2422

114.3380, 4.2704,
30.3986

85.5290, 8.1202,
55.6641

123.9410, 2.9871,
21.9767

75.9260, 9.4035,
64.0859

133.5440, 1.7038,
13.5549

66.2090, 10.2500,
72.6077

143.2610, 0.8573,
5.0331

56.6060, 11.5332,
81.0295

152.8640, -0.4260,
-3.3887

53.4430, 12.1066,
83.8035

161.8800, -1.4198,
-11.2958

171.4830, -2.7031,
-19.7176

181.0860, -3.9864,

-28.1394

■ 190.6890, -5.2697,
-36.5613

Harmonies

Analogous

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



105.6920, 17.4068, 16.9331



104.7350, 5.5536, 38.8204



102.9350, -7.8560, 46.5380

Triad

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



104.7350, 5.5536, 38.8204



98.5620, -25.9131, 4.7691



83.8070, 29.1821, -73.4987

Complementary

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



104.7350, 5.5536, 38.8204



124.2650, -5.5536, -38.8204

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.



82.1310, 17.6834, -72.0289



104.7350, 5.5536, 38.8204



94.0410, -15.7962, -20.2070

Square

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



104.7350, 5.5536, 38.8204



100.4660, -26.8517, 25.9013



84.5170, 2.2101, -55.7044



81.9950, 37.4705, -71.9096

Rectangle

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



104.7350, 5.5536, 38.8204



102.4480, -15.9969, 44.3341



84.5170, 2.2101, -55.7044



83.5960, 25.8352, -73.3137

Sweetspot

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



104.7350, 5.5536, 38.8204



176.6690, 2.1352, 15.1993



97.4340, 25.4220, 12.7744



86.1090, 1.4253, 9.5514



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



104.7350, 5.5536, 38.8204



124.0890, 8.8301, 61.3119



100.8590, -9.2975, 42.2197



69.4350, 0.2785, 4.0035



49.4700, 11.1073, 77.6408



3.5600, 0.7099, 5.6479

Inverse Universe

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



104.7350, 5.5536, 38.8204



124.0890, 8.8301, 61.3119



128.1410, 9.2975, -42.2197



69.4350, 0.2785, 4.0035



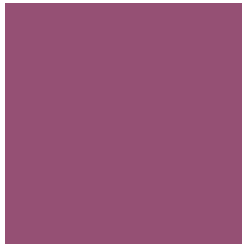
49.4700, 11.1073, 77.6408



3.5600, 0.7099, 5.6479

Previews

White Background



This preview shows how the YUV color 104.7350, 5.5536, 38.8204 looks on a white background.

Color Contrast Check

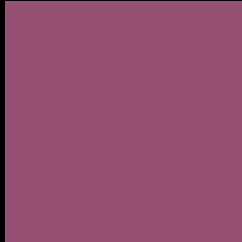
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.7350, 5.5536, 38.8204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

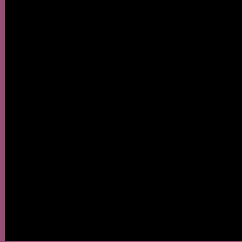
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.7350, 5.5536, 38.8204

Background



This preview shows how black text looks on a background with the YUV color 104.7350, 5.5536, 38.8204.



This preview shows how white text looks on a background with the YUV color 104.7350, 5.5536,

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

104.7350, 5.5536, 38.8204

Protanopia

103.5120, 13.5516, -6.5880

Deuteranopia

103.8740, 4.4991, 3.6185



Tritanopia

104.2220, -6.5184, 37.5163

Trichromacy



Original Color

104.7350, 5.5536, 38.8204

Protanomaly

103.9270, 10.8820, 9.7110

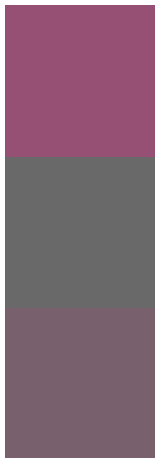
Deuteranomaly

104.3640, 4.7505, 16.3438

Tritanomaly

104.3730, -2.1559, 38.2609

Monochromacy



Original Color

104.7350, 5.5536, 38.8204

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.9570, 1.9932, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.7350, 5.5536, 38.8204 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(149, 80, 116)` looks like.

```
.text, #text, p{  
    color:rgb(149, 80, 116)  
}
```

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(149, 80, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 80, 116) }
```

Border

The CSS property to change the border of an element to YUV 104.7350, 5.5536, 38.8204 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(149, 80, 116) }
```


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

```
.border{ border-color:rgb(149, 80, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 80, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 80, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 80, 116);  
box-shadow:4px 4px 4px 4px rgb(149, 80,  
116) }
```

Background

The CSS property to change the background color of an element to YUV 104.7350, 5.5536, 38.8204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 80, 116) }
```

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

```
.background{ background-color: rgb(149, 80,  
116) }
```

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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