

Converting Colors

YUV(95.1710, 0.9017, 37.5610)

Have a look what the booklet for
YUV(95.1710, 0.9017, 37.5610)
contains.

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Color

**YUV(95.1710, 0.9017,
37.5610)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4961
RGB	138, 73, 97
RGB Percent	54%, 29%, 38%
CMY	0.4588, 0.7137, 0.6196
CMYK	0.00, 0.47, 0.30, 0.46
HSL	338°, 31%, 41%
HSV	338°, 47%, 54%
XYZ	15.0214, 11.0314, 12.6468
YIQ	95.1710, 31.0360, 21.2440

Conversions

Conversions Part 2

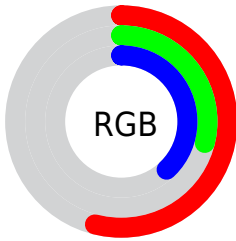
Format	Color
R_{YB}	138, 73, 97
Decimal	9062753
CIE Lab	39.63, 30.53, -1.66
CIE LCh	40, 30.576, 356.883
Yxy	11.0314, 0.3882, 0.2851
Android (android.graphics.Color)	4287252833 (0xFF8A4961)
YUV	95.1710, 0.9017, 37.5610
Hunter-Lab	33.2136, 22.6060, 0.6735

Details

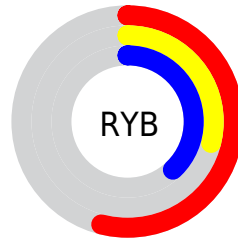
The YUV color **95.1710, 0.9017, 37.5610** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **115.8290, -0.9017, -37.5610**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7800, 0.6015, 40.5349**, and **46.2030, 2.3649, 34.9020** is the 20% darker color. If you saturate the color by 10%, you get **85.9270, 1.0220, 45.6680**, and if you desaturate by 10%, it is **104.4150, 0.7814, 29.4540**.

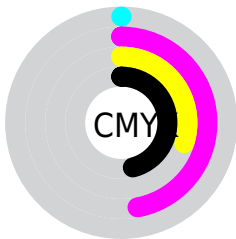
Distribution



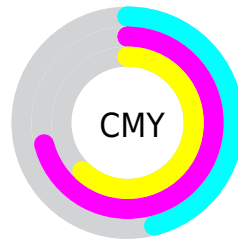
- Red (54%)
- Green (29%)
- Blue (38%)



- Red (54%)
- Yellow (29%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (30%)
- Black (46%)



- Cyan (46%)
- Magenta (71%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.1710, 0.9017, 37.5610 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 95.1710, 0.9017, 37.5610 by changing the saturation by 10% instead.

95.1710, 0.9017,
37.5610

95.1710, 0.9017,
37.5610

255.0000, 0.0000,
0.0000

70.2740, 1.3439,
35.7167

146.7800, 0.6015,
40.5349

46.2030, 2.3649,
34.9020

174.2640, -0.1302,
41.8645

21.6590, 4.1121,
34.5021

201.8620, -0.4250,
43.0940

12.7150, -4.2965,
24.8059

222.2130, 3.8390,
28.7542

0.0000, 0.0000,
0.0000

242.0860, 6.3666,
11.3256

95.1710, 0.9017,
37.5610

95.1710, 0.9017,
37.5610

85.9270, 1.0220,
45.6680

104.4150, 0.7814,
29.4540

76.7970, 1.5791,
53.6750

113.5450, 0.2243,
21.4470

68.1400, 1.4100,
61.2672

122.2020, 0.3934,
13.8548

58.8960, 1.5303,
69.3742

131.4460, 0.2731,
5.7479

49.6520, 1.6506,
77.4812

140.6900, 0.1528,
-2.3591

47.0760, 1.9345,
79.7403

149.8200, -0.4043,
-10.3661

159.0640, -0.5246,
-18.4731

167.7210, -0.3555,

-26.0653

■ 176.8510, -0.9125,
-34.0723

Harmonies

Analogous

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



96.6450, 12.0070, 22.2363



95.1710, 0.9017, 37.5610



94.0930, -10.8918, 40.2604

Triad

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



95.1710, 0.9017, 37.5610



89.1850, -20.7972, -2.7932



75.8510, 29.1605, -66.5213

Complementary

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



95.1710, 0.9017, 37.5610



115.8290, -0.9017, -37.5610

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.



75.3320, 19.5563, -66.0662



95.1710, 0.9017, 37.5610



84.9030, -9.8122, -26.2249

Square

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



95.1710, 0.9017, 37.5610



91.5080, -23.9144, 17.0945



72.4820, 8.6364, -63.5667



86.6960, 27.7579, -36.5674

Rectangle

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



95.1710, 0.9017, 37.5610



93.0510, -17.2801, 35.9123



72.4820, 8.6364, -63.5667



75.7540, 26.2503, -66.4363

Sweetspot

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



95.1710, 0.9017, 37.5610



162.5010, 0.2460, 14.4696



92.3700, 22.4956, 18.0925



79.1690, 0.4097, 8.6218



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



95.1710, 0.9017, 37.5610



111.7160, 1.1260, 59.0081



97.1310, -11.8966, 35.8421



64.4350, 0.2785, 4.0035



45.3530, 1.7980, 76.8664



1.7230, 0.1366, 2.8739

Inverse Universe

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



95.1710, 0.9017, 37.5610



111.7160, 1.1260, 59.0081



113.8690, 11.8966, -35.8421



64.4350, 0.2785, 4.0035



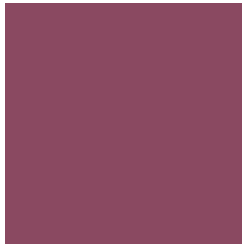
45.3530, 1.7980, 76.8664



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 95.1710, 0.9017, 37.5610 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 95.1710, 0.9017, 37.5610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

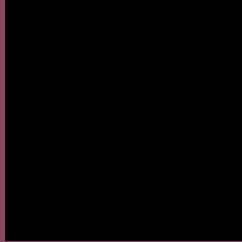
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.1710, 0.9017, 37.5610

Background



This preview shows how black text looks on a background with the YUV color 95.1710, 0.9017, 37.5610.

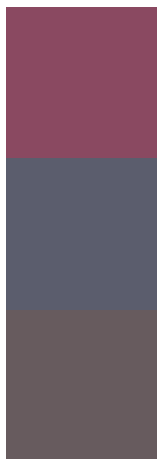


This preview shows how white text looks on a background with the YUV color 95.1710, 0.9017,

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

95.1710, 0.9017, 37.5610

Protanopia

94.2260, 7.2836, -2.8292

Deuteranopia

94.9300, -0.4585, 7.0774



Tritanopia

94.8090, -6.8078, 37.0015

Trichromacy



Original Color

95.1710, 0.9017, 37.5610

Protanomaly

94.7440, 5.0562, 11.6255

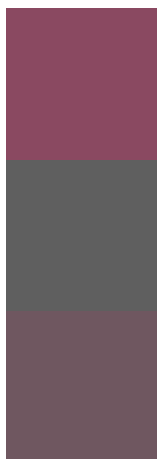
Deuteranomaly

94.8220, 0.0878, 18.5731

Tritanomaly

94.9060, -3.8977, 36.9164

Monochromacy



Original Color

95.1710, 0.9017, 37.5610

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2020, 0.3934, 13.8548

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.1710, 0.9017, 37.5610 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(138, 73, 97)` looks like.

```
.text, #text, p{  
    color:rgb(138, 73, 97)  
}
```

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(138, 73, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 73, 97) }
```

Border

The CSS property to change the border of an element to YUV 95.1710, 0.9017, 37.5610 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(138, 73, 97) }
```


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

```
.border{ border-color:rgb(138, 73, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 73, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 73, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 73, 97);  
box-shadow:4px 4px 4px 4px rgb(138, 73,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 95.1710, 0.9017, 37.5610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 73, 97) }
```

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

```
.background{ background-color: rgb(138, 73,  
97) }
```

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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