

Converting Colors

YUV(112.9710, -2.4507,
39.4904)

Have a look what the booklet for
YUV(112.9710, -2.4507, 39.4904)
contains.

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Color

**YUV(112.9710, -2.4507,
39.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5B6C
RGB	158, 91, 108
RGB Percent	62%, 36%, 42%
CMY	0.3804, 0.6431, 0.5765
CMYK	0.00, 0.42, 0.32, 0.38
HSL	345°, 27%, 49%
HSV	345°, 42%, 62%
XYZ	20.5484, 15.8340, 16.1606
YIQ	112.9710, 34.4750, 19.4910

Conversions

Conversions Part 2

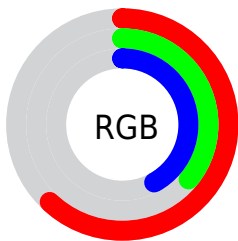
Format	Color
R_{YB}	158, 91, 108
Decimal	10378092
CIE _{Lab}	46.76, 29.59, 2.31
CIE _{LCh}	47, 29.679, 4.460
Yxy	15.8340, 0.3911, 0.3014
Android (android.graphics.Color)	4288568172 (0xFF9E5B6C)
YUV	112.9710, -2.4507, 39.4904
Hunter-Lab	39.7919, 22.5409, 3.7751

Details

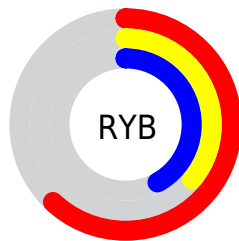
The YUV color **112.9710, -2.4507, 39.4904** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **136.0290, 2.4507, -39.4904**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4660, -3.1877, 42.5643**, and **63.2910, -1.1295, 35.7018** is the 20% darker color. If you saturate the color by 10%, you get **102.2110, -3.0620, 48.9270**, and if you desaturate by 10%, it is **123.7310, -1.8394, 30.0539**.

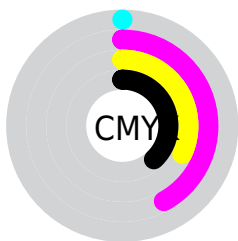
Distribution



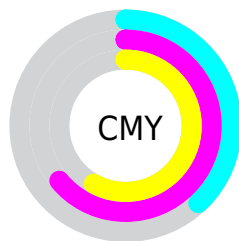
- Red (62%)
- Green (36%)
- Blue (42%)



- Red (62%)
- Yellow (36%)
- Blue (42%)



- Cyan (0%)
- Magenta (42%)
- Yellow (32%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9710, -2.4507, 39.4904 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 112.9710, -2.4507, 39.4904 by changing the saturation by 10% instead.

■ 112.9710, -2.4507,
39.4904

■ 112.9710, -2.4507,
39.4904

255.0000, 0.0000,
0.0000

■ 88.0740, -2.0085,
37.6461

■ 165.4660, -3.1877,
42.5643

■ 63.2910, -1.1295,
35.7018

■ 193.0640, -3.4826,
43.7939

■ 39.2200, -0.1085,
34.8871

■ 216.2800, -1.1240,
33.9574

■ 18.1980, -0.0976,
31.3984

■ 235.9080, 3.0034,
16.7437

■ 8.7850, -3.8380,
17.7286

254.4130, 0.2894,
0.5148

■ 0.0000, 0.0000,
0.0000

■ 112.9710, -2.4507,
39.4904

■ 112.9710, -2.4507,
39.4904

■ 102.2110, -3.0620,
48.9270

■ 123.7310, -1.8394,
30.0539

■ 91.4510, -3.6733,
58.3635

■ 134.4910, -1.2281,
20.6174

■ 81.3920, -4.1373,
67.1852

■ 144.5500, -0.7641,
11.7957

■ 70.6320, -4.7486,
76.6217

■ 155.3100, -0.1528,
2.3591

■ 59.8720, -5.3599,
86.0583

■ 166.0700, 0.4585,
-7.0774

■ 51.8020, -5.8184,
93.1356

■ 176.8300, 1.0698,
-16.5139

■ 187.5900, 1.6811,
-25.9504

■ 197.6490, 2.1450,

-34.7722

■ 208.4090, 2.7564,
-44.2087

Harmonies

Analogous

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



114.2820, 9.2280, 26.9397



112.9710, -2.4507, 39.4904



111.6970, -13.6546, 39.7307

Triad

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



112.9710, -2.4507, 39.4904



106.1350, -18.3076, -8.0114



95.8950, 29.1388, -59.5439

Complementary

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



112.9710, -2.4507, 39.4904



136.0290, 2.4507, -39.4904

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.



87.9330, 24.6830, -77.1172



112.9710, -2.4507, 39.4904



101.4940, -6.1595, -31.1282

Square

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



112.9710, -2.4507, 39.4904



108.7740, -24.0456, 12.4762



93.2590, 10.2253, -59.8631



107.9040, 25.6833, -24.4718

Rectangle

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



112.9710, -2.4507, 39.4904



111.0570, -19.7481, 34.1530



93.2590, 10.2253, -59.8631



88.2410, 30.9402, -77.3874

Sweetspot

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



112.9710, -2.4507, 39.4904



188.8710, -0.9224, 15.8991



113.2890, 22.0425, 23.4255



93.5390, -0.7587, 10.0513



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



112.9710, -2.4507, 39.4904



135.7720, -3.8316, 62.4670



120.4250, -14.5065, 32.9533



73.6200, -0.3057, 4.7183



46.8610, -5.3545, 84.3139



4.9410, -0.4639, 8.8217

Inverse Universe

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



112.9710, -2.4507, 39.4904



135.7720, -3.8316, 62.4670



128.5750, 14.5065, -32.9533



73.6200, -0.3057, 4.7183



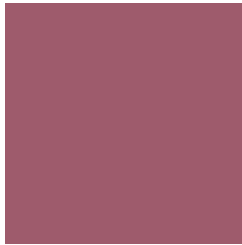
46.8610, -5.3545, 84.3139



4.9410, -0.4639, 8.8217

Previews

White Background



This preview shows how the YUV color 112.9710, -2.4507, 39.4904 looks on a white background.

Color Contrast Check

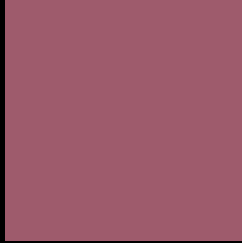
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9710, -2.4507, 39.4904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

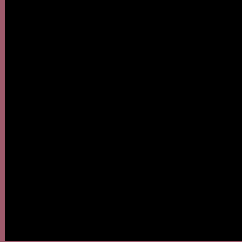
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.9710, -2.4507, 39.4904

Background



This preview shows how black text looks on a background with the YUV color 112.9710, -2.4507, 39.4904.



This preview shows how white text looks on a background with the YUV color 112.9710, -2.4507,

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

112.9710, -2.4507, 39.4904

Protanopia

111.9120, 3.4944, -0.7998

Deuteranopia

111.8550, -3.3795, 10.6512



Tritanopia

112.2330, -6.5239, 39.2607

Trichromacy



Original Color

112.9710, -2.4507, 39.4904

Protanomaly

112.4300, 1.2670, 13.6549

Deuteranomaly

112.0350, -2.9753, 21.0173

Tritanomaly

112.5750, -5.2135, 38.9607

Monochromacy



Original Color

112.9710, -2.4507, 39.4904

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8600, -0.9170, 14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9710, -2.4507, 39.4904 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(158, 91, 108)` looks like.

```
.text, #text, p{  
    color:rgb(158, 91, 108)  
}
```

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(158, 91, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 91, 108) }
```

Border

The CSS property to change the border of an element to YUV 112.9710, -2.4507, 39.4904 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(158, 91, 108) }
```


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

```
.border{ border-color:rgb(158, 91, 108) }
```

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

Here you see how a box with a 4 pixel rgb(158, 91, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 91, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 91, 108);  
box-shadow:4px 4px 4px 4px rgb(158, 91,  
108) }
```

Background

The CSS property to change the background color of an element to YUV 112.9710, -2.4507, 39.4904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 91, 108) }
```

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

```
.background{ background-color: rgb(158, 91,  
108) }
```

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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