

Converting Colors

YUV(158.9710, -2.4507,
39.4904)

Have a look what the booklet for
YUV(158.9710, -2.4507, 39.4904)
contains.

YUV(158.9710, -2.4507, 39.4904)	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(158.9710, -2.4507,
39.4904)**

Conversions

Conversions Part 1

Format	Color
Hex	CC899A
RGB	204, 137, 154
RGB Percent	80%, 54%, 60%
CMY	0.2000, 0.4627, 0.3961
CMYK	0.00, 0.33, 0.25, 0.20
HSL	345°, 40%, 67%
HSV	345°, 33%, 80%
XYZ	39.6802, 33.0618, 34.8620
YIQ	158.9710, 34.4750, 19.4910

Conversions

Conversions Part 2

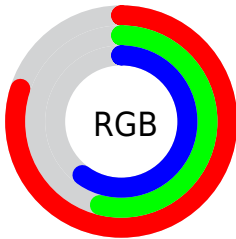
Format	Color
RYB	204, 137, 154
Decimal	13404570
CIELab	64.21, 27.96, 1.47
CIElCh	64, 27.995, 3.012
Yxy	33.0618, 0.3688, 0.3073
Android (android.graphics.Color)	4291594650 (0xFFCC899A)
YUV	158.9710, -2.4507, 39.4904
Hunter-Lab	57.4994, 22.5587, 4.3019

Details

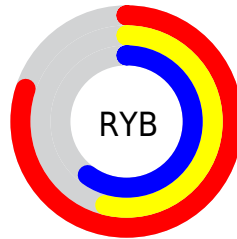
The YUV color **158.9710, -2.4507, 39.4904** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **182.0290, 2.4507, -39.4904**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0740, -2.0085, 37.6461**, and **106.4760, -1.7137, 36.4165** is the 20% darker color. If you saturate the color by 10%, you get **145.5210, -3.2149, 51.2861**, and if you desaturate by 10%, it is **172.4210, -1.6866, 27.6948**.

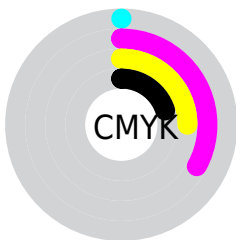
Distribution



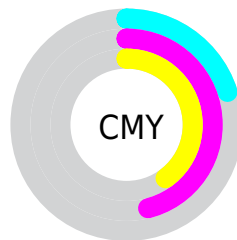
- Red (80%)
- Green (54%)
- Blue (60%)



- Red (80%)
- Yellow (54%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (46%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9710, -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 158.9710, -2.4507, 39.4904 by changing the saturation by 10% instead.

■ 158.9710, -2.4507,
39.4904

■ 158.9710, -2.4507,
39.4904

255.0000, 0.0000,
0.0000

■ 132.3730, -2.1559,
38.2609

■ 212.0740, -2.0085,
37.6461

■ 106.4760, -1.7137,
36.4165

■ 231.8160, 2.5557,
20.3324

■ 81.8780, -1.4189,
35.1870

■ 250.8910, 2.0257,
3.6036

■ 57.0950, -0.5398,
33.2427

■ 33.7250, 0.6286,
31.8132

■ 15.5350, -1.2498,
27.5948

■ 2.3920, -1.1793,

4.9182

■ 0.0000, 0.0000,
0.0000

■ 158.9710, -2.4507,
39.4904

■ 158.9710, -2.4507,
39.4904

■ 145.5210, -3.2149,
51.2861

■ 172.4210, -1.6866,
27.6948

■ 131.4840, -3.6896,
63.5965

■ 186.4580, -1.2118,
15.3843

■ 117.9200, -4.8906,
75.4922

■ 200.0220, -0.0108,
3.4887

■ 103.8830, -5.3653,
87.8026

■ 214.0590, 0.4639,
-8.8217

■ 90.4330, -6.1295,
99.5983

■ 227.5090, 1.2281,
-20.6174

■ 76.9830, -6.8936,
111.3939

■ 238.6110, 3.1498,
-30.3538

■ 66.9240, -7.3575,
120.2157

■ 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



159.9830, 9.3754, 26.3249



158.9710, -2.4507, 39.4904



157.4090, -13.5126, 40.8603

Triad

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



158.9710, -2.4507, 39.4904



151.0320, -18.7498, -6.1671



146.4620, 25.9012, -47.7632

Complementary

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



158.9710, -2.4507, 39.4904



182.0290, 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.



141.7890, 19.8240, -58.5740



158.9710, -2.4507, 39.4904



147.4620, -7.6228, -28.4692

Square

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



158.9710, -2.4507, 39.4904



154.1980, -23.7616, 14.7354



143.4130, 6.6984, -48.5972



153.5020, 25.3885, -23.2423

Rectangle

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



158.9710, -2.4507, 39.4904



156.7690, -19.6061, 35.2826



143.4130, 6.6984, -48.5972



144.4890, 24.9019, -53.9259

Sweetspot

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



158.9710, -2.4507, 39.4904



238.1590, -1.0644, 14.7696



159.2890, 22.0425, 23.4255



117.2400, -0.6113, 9.4365



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



158.9710, -2.4507, 39.4904



188.4510, -3.6733, 58.3635



166.4250, -14.5065, 32.9533



95.2180, -0.6005, 5.9478



54.4220, -6.1240, 97.8539



12.5020, -1.2335, 22.3617

Inverse Universe

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



158.9710, -2.4507, 39.4904



188.4510, -3.6733, 58.3635



174.5750, 14.5065, -32.9533



95.2180, -0.6005, 5.9478



54.4220, -6.1240, 97.8539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 158.9710, -2.4507, 39.4904 looks on a white background.

Color Contrast Check

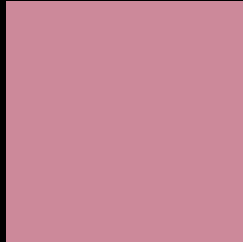
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 158.9710, -2.4507, 39.4904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

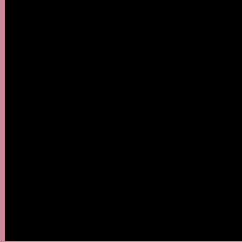
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.9710, -2.4507, 39.4904

Background



This preview shows how black text looks on a background with the YUV color 158.9710, -2.4507, 39.4904.



This preview shows how white text looks on a background with the YUV color 158.9710, -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

158.9710, -2.4507, 39.4904

Protanopia

156.4390, 4.2206, -0.3850

Deuteranopia

157.5780, -3.2430, 13.5251



Tritanopia

158.5750, -5.2135, 38.9607

Trichromacy



Original Color

158.9710, -2.4507, 39.4904

Protanomaly

156.9570, 1.9932, 14.0697

Deuteranomaly

158.0460, -2.9807, 22.7617

Tritanomaly

158.8030, -4.3399, 38.7608

Monochromacy



Original Color

158.9710, -2.4507, 39.4904

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8600, -0.9170, 14.1548

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9710, -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(204, 137, 154)` looks like.

```
.text, #text, p{  
    color:rgb(204, 137, 154)  
}
```

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(204, 137, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 137, 154) }
```

Border

The CSS property to change the border of an element to YUV 158.9710, -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(204, 137, 154) }
```


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

```
.border{ border-color:rgb(204, 137, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 137, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 137, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 137, 154);  
box-shadow:4px 4px 4px 4px rgb(204, 137,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 158.9710, -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(204, 137, 154) }
```

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

```
.background{ background-color: rgb(204,  
137, 154) }
```

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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