

Converting Colors

YUV(108.2550, 6.7763, 19.9474)

Have a look what the booklet for
YUV(108.2550, 6.7763, 19.9474)
contains.

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Color

**YUV(108.2550, 6.7763,
19.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	835E7A
RGB	131, 94, 122
RGB Percent	51%, 37%, 48%
CMY	0.4863, 0.6314, 0.5216
CMYK	0.00, 0.28, 0.07, 0.49
HSL	315°, 16%, 44%
HSV	315°, 28%, 51%
XYZ	16.8756, 14.2358, 20.2707
YIQ	108.2550, 13.0640, 16.5520

Conversions

Conversions Part 2

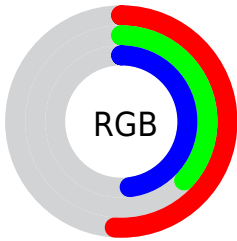
Format	Color
R_{YB}	131, 94, 122
Decimal	8609402
CIE _{Lab}	44.57, 19.95, -9.77
CIE _{LCh}	45, 22.214, 333.907
Yxy	14.2358, 0.3284, 0.2771
Android (android.graphics.Color)	4286799482 (0xFF835E7A)
YUV	108.2550, 6.7763, 19.9474
Hunter-Lab	37.7304, 13.8092, -5.4423

Details

The YUV color **108.2550, 6.7763, 19.9474** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **116.7450, -6.7763, -19.9474**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9670, 6.9183, 21.0769**, and **60.1300, 6.3449, 18.3030** is the 20% darker color. If you saturate the color by 10%, you get **100.2820, 9.2280, 26.9397**, and if you desaturate by 10%, it is **116.2280, 4.3246, 12.9550**.

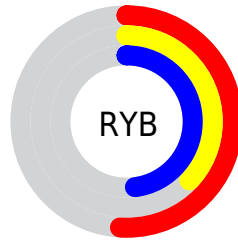
Distribution



Red (51%)

Green (37%)

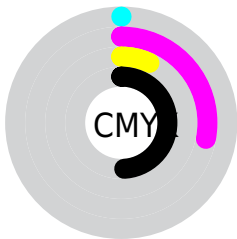
Blue (48%)



Red (51%)

Yellow (37%)

Blue (48%)

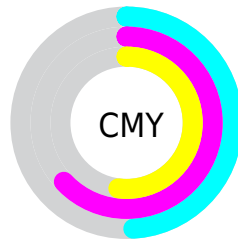


Cyan (0%)

Magenta (28%)

Yellow (7%)

Black (49%)



Cyan (49%)

Magenta (63%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.2550, 6.7763, 19.9474 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 108.2550, 6.7763, 19.9474 by changing the saturation by 10% instead.

■ 108.2550, 6.7763,
19.9474

■ 108.2550, 6.7763,
19.9474

■ 255.0000, 0.0000,
0.0000

■ 83.5430, 6.6343,
18.8178

■ 159.9670, 6.9183,
21.0769

■ 60.1300, 6.3449,
18.3030

■ 186.7930, 7.4971,
22.1065

■ 37.5320, 6.6397,
17.0734

■ 215.0920, 7.3496,
22.7213

■ 15.3580, 7.2185,
18.1030

■ 238.5640, 8.1029,
14.4144

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

108.2550, 6.7763,
19.9474

108.2550, 6.7763,
19.9474

100.2820, 9.2280,
26.9397

116.2280, 4.3246,
12.9550

92.3090, 11.6797,
33.9320

124.2010, 1.8729,
5.9627

84.2220, 13.6946,
41.0243

132.2880, -0.1420,
-1.1296

76.2490, 16.1462,
48.0166

140.2610, -2.5937,
-8.1219

68.2760, 18.5979,
55.0089

148.8210, -5.3348,
-15.6290

59.7160, 21.3390,
62.5161

156.7940, -7.7864,
-22.6213

51.7430, 23.7907,
69.5084


164.7670,
-10.2381, -29.6137

50.4550, 23.9327,

172.7400,

70.6380

-12.6898, -36.6060

 180.8270,
-14.7047, -43.6983

Harmonies

Analogous

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



107.3930, 14.1033, 3.1633



108.2550, 6.7763, 19.9474



107.4320, -1.6920, 29.4391

Triad

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



108.2550, 6.7763, 19.9474



104.0710, -17.7830, 10.4617



94.9110, 14.8339, -44.6489

Complementary

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



108.2550, 6.7763, 19.9474



116.7450, -6.7763, -19.9474

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.



96.4360, 5.2081, -37.2164



108.2550, 6.7763, 19.9474



101.7100, -13.6610, -5.0077

Square

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



108.2550, 6.7763, 19.9474



105.9030, -16.2212, 22.8871



99.1900, -5.0237, -22.0916



98.8180, 19.3167, -35.7974

Rectangle

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



108.2550, 6.7763, 19.9474



106.8360, -7.8071, 30.8388



99.1900, -5.0237, -22.0916



94.6400, 12.5025, -43.5343

Sweetspot

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



108.2550, 6.7763, 19.9474



162.4400, 2.7411, 7.5071



100.9090, 14.8349, 1.8338



81.4890, 1.7309, 4.8331



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



108.2550, 6.7763, 19.9474



135.3580, 10.6695, 31.2580



106.2030, -1.0861, 21.7470



62.3640, 1.2995, 3.1888



50.0420, 23.6433, 70.1232



1.1250, 0.4314, 1.6444

Inverse Universe

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



108.2550, 6.7763, 19.9474



135.3580, 10.6695, 31.2580



118.7970, 1.0861, -21.7470



62.3640, 1.2995, 3.1888



50.0420, 23.6433, 70.1232



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 108.2550, 6.7763, 19.9474 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 108.2550, 6.7763, 19.9474 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 108.2550, 6.7763, 19.9474

Background



This preview shows how black text looks on a background with the YUV color 108.2550, 6.7763, 19.9474.



This preview shows how white text looks on a background with the YUV color 108.2550, 6.7763,

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

108.2550, 6.7763, 19.9474

Protanopia

106.2410, 11.2202, -5.4734

Deuteranopia

106.7320, 6.5411, 1.9890



Tritanopia

107.4800, -1.2226, 18.8730

Trichromacy



Original Color

108.2550, 6.7763, 19.9474

Protanomaly

106.8400, 9.4459, 3.6483

Deuteranomaly

107.4770, 6.6668, 8.3517

Tritanomaly

107.8760, 1.5401, 19.4027

Monochromacy



Original Color

108.2550, 6.7763, 19.9474

Achromatopsia

108.0000, 0.0000, 0.0000

Achromatomaly

108.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.2550, 6.7763, 19.9474 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(131, 94, 122)` looks like.

```
.text, #text, p{  
    color:rgb(131, 94, 122)  
}
```

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(131, 94, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 94, 122) }
```

Border

The CSS property to change the border of an element to YUV 108.2550, 6.7763, 19.9474 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(131, 94, 122) }
```


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

```
.border{ border-color:rgb(131, 94, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 94, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 94, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 94, 122);  
box-shadow:4px 4px 4px 4px rgb(131, 94,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 108.2550, 6.7763, 19.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 94, 122) }
```

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

```
.background{ background-color: rgb(131, 94,  
122) }
```

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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