

Converting Colors

YUV(124.9510, 7.9122, 28.9840)

Have a look what the booklet for
YUV(124.9510, 7.9122, 28.9840)
contains.

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Color

**YUV(124.9510, 7.9122,
28.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	9E698D
RGB	158, 105, 141
RGB Percent	62%, 41%, 55%
CMY	0.3804, 0.5882, 0.4471
CMYK	0.00, 0.34, 0.11, 0.38
HSL	319°, 21%, 52%
HSV	319°, 34%, 62%
XYZ	23.9598, 19.2953, 27.6609
YIQ	124.9510, 20.0320, 22.4320

Conversions

Conversions Part 2

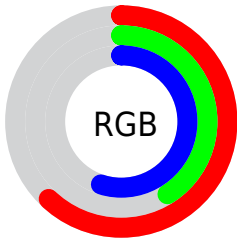
Format	Color
R _Y B	158, 105, 141
Decimal	10381709
CIE Lab	51.03, 26.93, -11.10
CIE LCh	51, 29.124, 337.603
Yxy	19.2953, 0.3379, 0.2721
Android (android.graphics.Color)	4288571789 (0xFF9E698D)
YUV	124.9510, 7.9122, 28.9840
Hunter-Lab	43.9265, 20.4922, -6.5869

Details

The YUV color **124.9510, 7.9122, 28.9840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **138.0490, -7.9122, -28.9840**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.0760, 8.3435, 30.6283**, and **74.9400, 7.9176, 27.2396** is the 20% darker color. If you saturate the color by 10%, you get **114.9890, 10.3584, 37.7206**, and if you desaturate by 10%, it is **134.9130, 5.4659, 20.2473**.

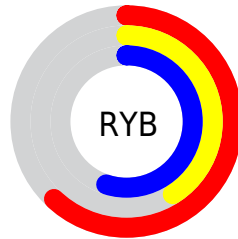
Distribution



Red (62%)

Green (41%)

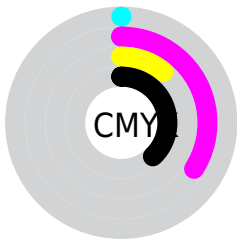
Blue (55%)



Red (62%)

Yellow (41%)

Blue (55%)

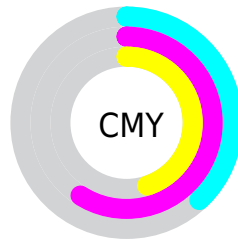


Cyan (0%)

Magenta (34%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.9510, 7.9122, 28.9840 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 124.9510, 7.9122, 28.9840 by changing the saturation by 10% instead.

124.9510, 7.9122,
28.9840

124.9510, 7.9122,
28.9840

255.0000, 0.0000,
0.0000

99.2390, 7.7702,
27.8544

178.0760, 8.3435,
30.6283

74.9400, 7.9176,
27.2396

205.7880, 8.4855,
31.7579

51.2280, 7.7756,
26.1100

229.3030, 10.6966,
22.5363

28.0430, 8.3598,
25.3953

246.1950, 4.3409,
7.7220

13.9130, 5.4659,
20.2473

0.0000, 0.0000,
0.0000

■ 124.9510, 7.9122,
28.9840

■ 124.9510, 7.9122,
28.9840

■ 114.9890, 10.3584,
37.7206

■ 134.9130, 5.4659,
20.2473

■ 105.0270, 12.8047,
46.4573

■ 144.8750, 3.0196,
11.5106

■ 95.6520, 14.9616,
54.6792

■ 154.2500, 0.8628,
3.2888

■ 85.6900, 17.4078,
63.4159

■ 164.2120, -1.5835,
-5.4479

■ 75.7280, 19.8541,
72.1525

■ 174.1740, -4.0298,
-14.1846

■ 65.7660, 22.3004,
80.8892


■ 184.1360, -6.4760,
-22.9213

■ 59.4400, 23.4471,
86.4371

■ 194.0980, -8.9223,
-31.6579

■ 203.5870,

-10.6424, -39.9798

 213.5490,
-13.0887, -48.7165

Harmonies

Analogous

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



124.4520, 18.0182, 7.4966



124.9510, 7.9122, 28.9840



123.9280, -3.9085, 40.4051

Triad

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



124.9510, 7.9122, 28.9840



119.2900, -23.3140, 11.1467



100.9550, 24.6722, -73.6285

Complementary

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



124.9510, 7.9122, 28.9840



138.0490, -7.9122, -28.9840

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.



105.6830, 10.5093, -57.6040



124.9510, 7.9122, 28.9840



116.3520, -17.4285, -9.9557

Square

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



124.9510, 7.9122, 28.9840



121.6280, -22.4946, 28.3902



111.8250, -4.8437, -33.1725



110.6080, 27.8013, -50.5222

Rectangle

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



124.9510, 7.9122, 28.9840



123.2780, -11.4761, 40.9752



111.8250, -4.8437, -33.1725



100.7550, 21.3198, -71.6991

Sweetspot

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



124.9510, 7.9122, 28.9840



193.8750, 3.0196, 11.5106



116.1250, 20.6444, 5.1524



96.9130, 2.0149, 7.0923



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.



124.9510, 7.9122, 28.9840



155.2010, 12.2259, 45.4277



121.9870, -3.4446, 31.5834



74.0760, 1.4415, 4.3183



53.8150, 21.2902, 78.2152



5.6250, 2.1569, 8.2219

Inverse Universe

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



124.9510, 7.9122, 28.9840



155.2010, 12.2259, 45.4277



141.0130, 3.4446, -31.5834



74.0760, 1.4415, 4.3183



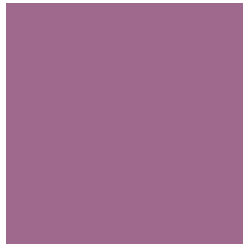
53.8150, 21.2902, 78.2152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 124.9510, 7.9122, 28.9840 looks on a white background.

Color Contrast Check

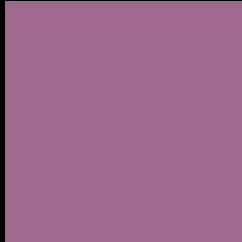
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 124.9510, 7.9122, 28.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

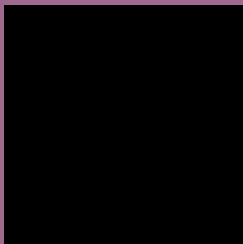
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 124.9510, 7.9122, 28.9840

Background



This preview shows how black text looks on a background with the YUV color 124.9510, 7.9122, 28.9840.



This preview shows how white text looks on a background with the YUV color 124.9510, 7.9122,

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

124.9510, 7.9122, 28.9840

Protanopia

122.7400, 14.4252, -6.7880

Deuteranopia

123.2590, 7.2673, 2.4039



Tritanopia

123.7800, -2.8495, 27.3799

Trichromacy



Original Color

124.9510, 7.9122, 28.9840

Protanomaly

123.5460, 12.0558, 6.5372

Deuteranomaly

124.0260, 7.3822, 12.2552

Tritanomaly

124.4040, 0.7868, 27.7097

Monochromacy



Original Color

124.9510, 7.9122, 28.9840

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1630, 2.8776, 10.3810

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.9510, 7.9122, 28.9840 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, 105, 141)` looks like.

```
.text, #text, p{  
    color:rgb(158, 105, 141)  
}
```

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, 105, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 105, 141) }
```

Border

The CSS property to change the border of an element to YUV 124.9510, 7.9122, 28.9840 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, 105, 141) }
```


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

```
.border{ border-color:rgb(158, 105, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 105, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 105, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 105, 141);  
box-shadow:4px 4px 4px 4px rgb(158, 105,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 124.9510, 7.9122, 28.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 105, 141) }
```

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

```
.background{ background-color: rgb(158,  
105, 141) }
```

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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