

Converting Colors

YUV(109.9500, 9.3916, 21.0918)

Have a look what the booklet for
YUV(109.9500, 9.3916, 21.0918)
contains.

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Color

**YUV(109.9500, 9.3916,
21.0918)**

Conversions

Conversions Part 1

Format	Color
Hex	865E81
RGB	134, 94, 129
RGB Percent	53%, 37%, 51%
CMY	0.4745, 0.6314, 0.4941
CMYK	0.00, 0.30, 0.04, 0.47
HSL	308°, 18%, 45%
HSV	308°, 30%, 53%
XYZ	17.7967, 14.6587, 22.6603
YIQ	109.9500, 12.6050, 19.3650

Conversions

Conversions Part 2

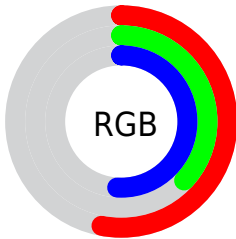
Format	Color
R_YB	134, 94, 129
Decimal	8806017
CIE _{Lab}	45.16, 22.41, -13.07
CIE _{LCh}	45, 25.944, 329.754
Yxy	14.6587, 0.3229, 0.2660
Android (android.graphics.Color)	4286996097 (0xFF865E81)
YUV	109.9500, 9.3916, 21.0918
Hunter-Lab	38.2867, 15.9698, -8.2906

Details

The YUV color **109.9500, 9.3916, 21.0918** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **118.0500, -9.3916, -21.0918**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0750, 9.8230, 22.7362**, and **61.8250, 8.9603, 19.4475** is the 20% darker color. If you saturate the color by 10%, you get **102.0910, 12.2801, 27.9842**, and if you desaturate by 10%, it is **117.8090, 6.5032, 14.1995**.

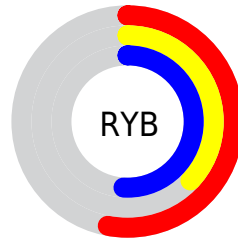
Distribution



Red (53%)

Green (37%)

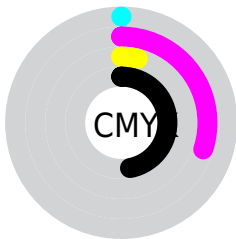
Blue (51%)



Red (53%)

Yellow (37%)

Blue (51%)

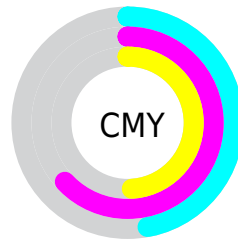


Cyan (0%)

Magenta (30%)

Yellow (4%)

Black (47%)



Cyan (47%)

Magenta (63%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9500, 9.3916, 21.0918 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 109.9500, 9.3916, 21.0918 by changing the saturation by 10% instead.

■ 109.9500, 9.3916,
21.0918

■ 109.9500, 9.3916,
21.0918

■ 255.0000, 0.0000,
0.0000

■ 85.2380, 9.2497,
19.9623

■ 162.0750, 9.8230,
22.7362

■ 61.8250, 8.9603,
19.4475

■ 189.4880, 10.1124,
23.2510

■ 39.1130, 8.8183,
18.3179

■ 216.9010, 10.4018,
23.7658

■ 16.5260, 9.1077,
18.8327

■ 238.5640, 8.1029,
14.4144

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 109.9500, 9.3916,
21.0918

■ 109.9500, 9.3916,
21.0918

■ 102.0910, 12.2801,
27.9842

■ 117.8090, 6.5032,
14.1995

■ 93.7590, 15.8948,
35.2914

■ 126.1410, 2.8885,
6.8923

■ 85.9000, 18.7833,
42.1837

■ 134.0000, 0.0000,
0.0000

■ 77.4540, 21.9612,
49.5908

■ 142.4460, -3.1779,
-7.4071

■ 69.7090, 25.2865,
56.3832

■ 150.1910, -6.5032,
-14.1995

■ 61.8500, 28.1750,
63.2756


■ 158.0500, -9.3916,
-21.0918

■ 53.4040, 31.3528,
70.6827

■ 166.4960,
-12.5695, -28.4990

■ 174.2410,

-15.8948, -35.2914

 182.6870,
-19.0727, -42.6985

Harmonies

Analogous

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



108.2940, 17.6031, 0.6192



109.9500, 9.3916, 21.0918



109.0950, -0.5398, 33.2427

Triad

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



109.9500, 9.3916, 21.0918



104.9960, -20.7040, 14.0355



90.1370, 18.6665, -60.6331

Complementary

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



109.9500, 9.3916, 21.0918



118.0500, -9.3916, -21.0918

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.



94.8050, 5.5191, -43.6790



109.9500, 9.3916, 21.0918



103.2110, -16.8660, -3.6930

Square

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



109.9500, 9.3916, 21.0918



107.0670, -18.2740, 28.0052



99.4950, -7.6390, -23.2361



95.5820, 23.8701, -49.6224

Rectangle

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



109.9500, 9.3916, 21.0918



108.5700, -7.6760, 35.4571



99.4950, -7.6390, -23.2361



91.1330, 14.7244, -56.2446

Sweetspot

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



109.9500, 9.3916, 21.0918



163.9670, 3.4673, 7.9219



100.0550, 16.7349, -0.9252



81.0160, 2.4571, 5.2480



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.



109.9500, 9.3916, 21.0918



135.8080, 14.8847, 32.6174



107.6700, 0.6557, 23.0914



62.3640, 1.2995, 3.1888



51.8660, 30.6321, 68.5235



1.1250, 0.4314, 1.6444

Inverse Universe

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



109.9500, 9.3916, 21.0918



135.8080, 14.8847, 32.6174



120.3300, -0.6557, -23.0914



62.3640, 1.2995, 3.1888



51.8660, 30.6321, 68.5235



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 109.9500, 9.3916, 21.0918 looks on a white background.

Color Contrast Check

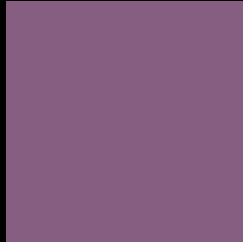
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.9500, 9.3916, 21.0918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

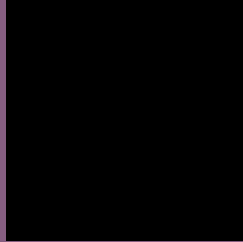
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.9500, 9.3916, 21.0918

Background



This preview shows how black text looks on a background with the YUV color 109.9500, 9.3916, 21.0918.



This preview shows how white text looks on a background with the YUV color 109.9500, 9.3916,

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

109.9500, 9.3916, 21.0918

Protanopia

107.4410, 14.5726, -7.4028

Deuteranopia

108.4050, 9.1673, -0.3552



Tritanopia

108.7790, -1.3700, 19.4878

Trichromacy



Original Color

109.9500, 9.3916, 21.0918

Protanomaly

108.6380, 12.5035, 2.9485

Deuteranomaly

108.8620, 9.4350, 7.1370

Tritanomaly

109.4030, 2.2663, 19.8176

Monochromacy



Original Color

109.9500, 9.3916, 21.0918

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9670, 3.4673, 7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9500, 9.3916, 21.0918 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(134, 94, 129)` looks like.

```
.text, #text, p{  
    color:rgb(134, 94, 129)  
}
```

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(134, 94, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 94, 129) }
```

Border

The CSS property to change the border of an element to YUV 109.9500, 9.3916, 21.0918 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(134, 94, 129) }
```


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

```
.border{ border-color:rgb(134, 94, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 94, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 94, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 94, 129);  
box-shadow:4px 4px 4px 4px rgb(134, 94,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 109.9500, 9.3916, 21.0918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 94, 129) }
```

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

```
.background{ background-color: rgb(134, 94,  
129) }
```

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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