

Converting Colors

YUV(106.9170, 9.4079, 15.8588)

Have a look what the booklet for
YUV(106.9170, 9.4079, 15.8588)
contains.

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Color

**YUV(106.9170, 9.4079,
15.8588)**

Conversions

Conversions Part 1

Format	Color
Hex	7D5E7E
RGB	125, 94, 126
RGB Percent	49%, 37%, 49%
CMY	0.5098, 0.6314, 0.5059
CMYK	0.01, 0.25, 0.00, 0.51
HSL	298°, 15%, 43%
HSV	298°, 25%, 49%
XYZ	16.2260, 13.8717, 21.5610
YIQ	106.9170, 8.2040, 16.5240

Conversions

Conversions Part 2

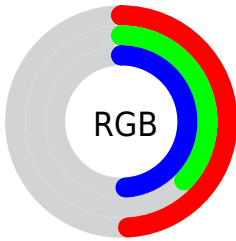
Format	Color
R_{YB}	125, 94, 126
Decimal	8216190
CIE _{Lab}	44.05, 18.54, -13.04
CIE _{LCh}	44, 22.669, 324.879
Yxy	13.8717, 0.3141, 0.2685
Android (android.graphics.Color)	4286406270 (0xFF7D5E7E)
YUV	106.9170, 9.4079, 15.8588
Hunter-Lab	37.2448, 12.5869, -8.2516

Details

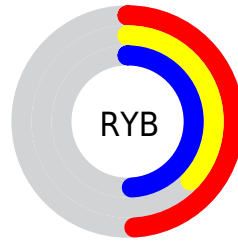
The YUV color **106.9170, 9.4079, 15.8588** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **113.0830, -9.4079, -15.8588**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.7430, 9.9867, 16.8884**, and **59.0910, 8.8291, 14.8292** is the 20% darker color. If you saturate the color by 10%, you get **99.2860, 13.1700, 22.5512**, and if you desaturate by 10%, it is **114.5480, 5.6458, 9.1664**.

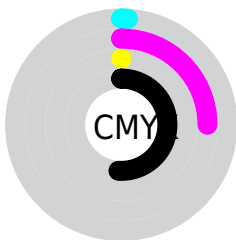
Distribution



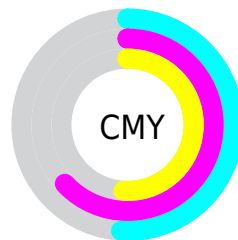
- Red (49%)
- Green (37%)
- Blue (49%)



- Red (49%)
- Yellow (37%)
- Blue (49%)



- Cyan (1%)
- Magenta (25%)
- Yellow (0%)
- Black (51%)



- Cyan (51%)
- Magenta (63%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.9170, 9.4079, 15.8588 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 106.9170, 9.4079, 15.8588 by changing the saturation by 10% instead.

■ 106.9170, 9.4079,
15.8588

■ 106.9170, 9.4079,
15.8588

■ 255.0000, 0.0000,
0.0000

■ 82.5040, 9.1185,
15.3440

■ 158.7430, 9.9867,
16.8884

■ 59.0910, 8.8291,
14.8292

■ 185.4550, 10.1287,
18.0180

■ 36.9660, 8.3978,
13.1848

■ 213.4550, 10.1287,
18.0180

■ 14.5040, 9.1185,
15.3440

■ 238.5640, 8.1029,
14.4144

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

106.9170, 9.4079,
15.8588

106.9170, 9.4079,
15.8588

99.2860, 13.1700,
22.5512

114.5480, 5.6458,
9.1664

91.9430, 16.7901,
28.1140

121.8910, 2.0257,
3.6036

84.3120, 20.5522,
34.8064

129.5220, -1.7363,
-3.0888

76.9690, 24.1723,
40.3692

136.8650, -5.3564,
-8.6516

69.3380, 27.9344,
47.0616

144.4960, -9.1185,
-15.3440

61.7070, 31.6964,
53.7540

152.1270,
-12.8806, -22.0364

54.3640, 35.3165,
59.3168

159.4700,
-16.5007, -27.5992

50.8420, 37.0529,

167.1010,

62.4056

-20.2628, -34.2916

 174.4440,
-23.8829, -39.8544

Harmonies

Analogous

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



104.9300, 16.3035, -2.5696



106.9170, 9.4079, 15.8588



106.4040, 0.7868, 27.7097

Triad

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



106.9170, 9.4079, 15.8588



103.3920, -17.9413, 14.5652



92.7430, 12.9447, -45.3786

Complementary

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



106.9170, 9.4079, 15.8588



113.0830, -9.4079, -15.8588

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.



95.3610, 2.2870, -33.6426



106.9170, 9.4079, 15.8588



101.5750, -15.5665, -0.5043

Square

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



106.9170, 9.4079, 15.8588



104.2670, -14.9216, 26.0758



98.7130, -8.2395, -17.2883



95.3720, 19.0436, -41.5452

Rectangle

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



106.9170, 9.4079, 15.8588



106.1180, -5.4812, 31.4685



98.7130, -8.2395, -17.2883



93.2550, 9.7343, -42.3196

Sweetspot

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



106.9170, 9.4079, 15.8588



155.3690, 3.7621, 6.6924



98.2350, 13.6881, -3.7141



76.4180, 2.7519, 4.0184



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



106.9170, 9.4079, 15.8588



133.9380, 14.3276, 24.6104



105.5060, 2.7085, 17.9732



59.8910, 2.0257, 3.6036



51.6680, 37.6317, 63.4352



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.6820, -4.2802, 19.5729



128.8790, -6.3493, 29.9241



114.4940, -2.7085, -17.9732



59.2070, -0.5951, 4.2035



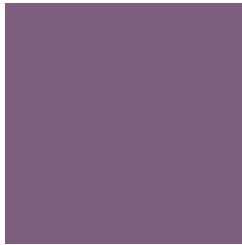
38.7280, -17.1209, 78.2915



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.9170, 9.4079, 15.8588 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 106.9170, 9.4079, 15.8588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

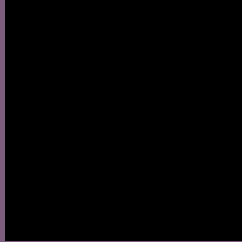
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.9170, 9.4079, 15.8588

Background



This preview shows how black text looks on a background with the YUV color 106.9170, 9.4079, 15.8588.



This preview shows how white text looks on a background with the YUV color 106.9170, 9.4079,

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

106.9170, 9.4079, 15.8588

Protanopia

104.5120, 13.5516, -6.5880

Deuteranopia

105.4050, 9.1673, -0.3552



Tritanopia

105.9740, -0.4802, 14.0548

Trichromacy



Original Color

106.9170, 9.4079, 15.8588

Protanomaly

105.5130, 12.0721, 1.3041

Deuteranomaly

105.8510, 9.4405, 5.3927

Tritanomaly

106.5980, 3.1562, 14.3846

Monochromacy



Original Color

106.9170, 9.4079, 15.8588

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9560, 3.4727, 6.1776

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.9170, 9.4079, 15.8588 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(125, 94, 126)` looks like.

```
.text, #text, p{  
    color:rgb(125, 94, 126)  
}
```

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(125, 94, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 94, 126) }
```

Border

The CSS property to change the border of an element to YUV 106.9170, 9.4079, 15.8588 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(125, 94, 126) }
```


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

```
.border{ border-color:rgb(125, 94, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 94, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 94, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 94, 126);  
box-shadow:4px 4px 4px 4px rgb(125, 94,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 106.9170, 9.4079, 15.8588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 94, 126) }
```

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

```
.background{ background-color: rgb(125, 94,  
126) }
```

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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