

Converting Colors

YUV(145.4170, -9.0796,
18.9283)

Have a look what the booklet for
YUV(145.4170, -9.0796, 18.9283)
contains.

YUV(145.4170, -9.0796, 18.9283)	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(145.4170, -9.0796,
18.9283)**

Conversions

Conversions Part 1

Format	Color
Hex	A78A7F
RGB	167, 138, 127
RGB Percent	65%, 54%, 50%
CMY	0.3451, 0.4588, 0.5020
CMYK	0.00, 0.17, 0.24, 0.35
HSL	16°, 19%, 58%
HSV	16°, 24%, 65%
XYZ	28.8556, 27.9248, 23.9478
YIQ	145.4170, 20.8150, 2.7270

Conversions

Conversions Part 2

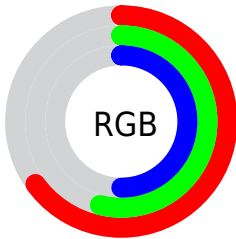
Format	Color
R _Y B	167, 142, 127
Decimal	10979967
CIE Lab	59.82, 9.23, 10.00
CIE LCh	60, 13.611, 47.280
Yxy	27.9248, 0.3574, 0.3459
Android (android.graphics.Color)	4289170047 (0xFFA78A7F)
YUV	145.4170, -9.0796, 18.9283
Hunter-Lab	52.8439, 4.9938, 10.1216

Details

The YUV color $145.4170, -9.0796, 18.9283$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $148.5830, 9.0796, -18.9283$, and the grayscale version is $145.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $199.3140, -9.5218, 20.7726$, and $94.6340, -8.2006, 16.9840$ is the 20% darker color. If you saturate the color by 10%, you get $136.4350, -13.0325, 26.8055$, and if you desaturate by 10%, it is $154.3990, -5.1267, 11.0511$.

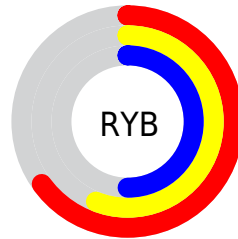
Distribution



Red (65%)

Green (54%)

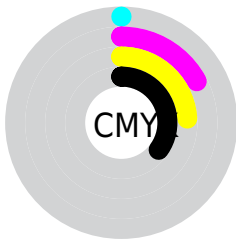
Blue (50%)



Red (65%)

Yellow (56%)

Blue (50%)

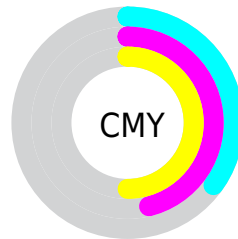


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (35%)



Cyan (35%)


Magenta (46%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.4170, -9.0796, 18.9283 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 145.4170, -9.0796, 18.9283 by changing the saturation by 10% instead.


 145.4170, -9.0796,
18.9283

 145.4170, -9.0796,
18.9283


255.0000, 0.0000,
0.0000


 119.8190, -8.7848,
17.6987


 199.3140, -9.5218,
20.7726


 94.6340, -8.2006,
16.9840


 227.2000, -9.9586,
20.8726

 71.0360, -7.9057,
15.7544

 248.6110, -6.7102,
5.6032

 48.5520, -7.1741,
14.4249

 27.1390, -7.4635,
13.9101

 5.6810, -2.8007,
11.6808

 0.0000, 0.0000,

0.0000

■ 145.4170, -9.0796,
18.9283

■ 145.4170, -9.0796,
18.9283

■ 136.4350,
-13.0325, 26.8055

■ 154.3990, -5.1267,
11.0511

■ 127.5670,
-16.5485, 34.5827

■ 163.2670, -1.6106,
3.2738

■ 118.5850,
-20.5014, 42.4600

■ 172.2490, 2.3422,
-4.6034

■ 109.6030,
-24.4543, 50.3372

■ 181.2310, 6.2951,
-12.4806

■ 100.0340,
-28.1178, 58.7292

■ 190.6860, 9.5218,
-20.7726

■ 91.1660, -31.6338,
66.5064

■ 199.6680, 13.4747,
-28.6498

■ 82.1840, -35.5867,
74.3836

■ 208.6500, 17.4276,
-36.5270

■ 76.9350, -37.9290,
78.9870

■ 216.9480, 18.7596,
-43.8044

■ 223.9920, 15.2869,
-49.9820

Harmonies

Analogous

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



146.2800, -4.5750, 20.8024



145.4170, -9.0796, 18.9283



144.6890, -11.6787, 12.5507

Triad

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



145.4170, -9.0796, 18.9283



140.2490, -1.1088, -17.7584



144.8390, 10.9254, -4.2438

Complementary

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



145.4170, -9.0796, 18.9283



148.5830, 9.0796, -18.9283

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.



142.7020, 11.9789, -15.5247



145.4170, -9.0796, 18.9283



139.6380, 5.6015, -23.3615

Square

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



145.4170, -9.0796, 18.9283



141.5230, -6.6668, -8.3517



140.7890, 9.9640, -22.6170



146.1780, 6.8142, 7.7369

Rectangle

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



145.4170, -9.0796, 18.9283



143.3570, -11.5150, 6.7029



140.7890, 9.9640, -22.6170



144.0450, 11.8098, -7.9325

Sweetspot

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



145.4170, -9.0796, 18.9283



208.8330, -3.3687, 7.1625



142.2660, 6.7709, 21.6917



104.8650, -1.9054, 4.5034



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



145.4170, -9.0796, 18.9283



182.8160, -14.2063, 29.9794



157.1570, -14.8674, 8.6323



79.5660, -1.7580, 3.8886



68.3190, -33.6813, 69.8802



9.5020, -4.6845, 9.2067

Inverse Universe

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



148.5830, 9.0796, -18.9283



187.5970, 14.4957, -29.4646



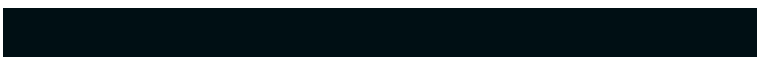
136.8430, 14.8674, -8.6323



80.4340, 1.7580, -3.8886



79.6810, 33.6813, -69.8802



11.0850, 4.3951, -9.7215

Previews

White Background



This preview shows how the YUV color 145.4170, -9.0796, 18.9283 looks on a white background.

Color Contrast Check

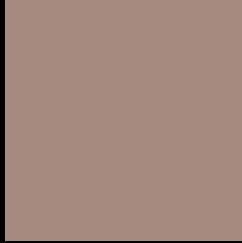
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.4170, -9.0796, 18.9283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

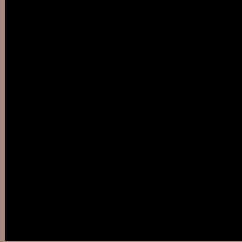
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

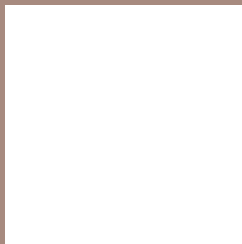
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.4170, -9.0796, 18.9283

Background



This preview shows how black text looks on a background with the YUV color 145.4170, -9.0796, 18.9283.



This preview shows how white text looks on a background with the YUV color 145.4170, -9.0796,

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

145.4170, -9.0796, 18.9283

Protanopia

144.1980, -6.9996, 5.0884

Deuteranopia

145.4060, -9.0742, 17.1839



Tritanopia

146.4200, -0.2071, 19.8027

Trichromacy



Original Color

145.4170, -9.0796, 18.9283

Protanomaly

144.7040, -7.7421, 9.9066

Deuteranomaly

145.7050, -9.2216, 17.7987

Tritanomaly

145.9100, -3.4066, 19.3729

Monochromacy



Original Color

145.4170, -9.0796, 18.9283

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.8330, -3.3687, 7.1625

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4170, -9.0796, 18.9283 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(167, 138, 127)` looks like.

```
.text, #text, p{  
    color:rgb(167, 138, 127)  
}
```

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(167, 138, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 138, 127) }
```

Border

The CSS property to change the border of an element to YUV 145.4170, -9.0796, 18.9283 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(167, 138, 127) }
```


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

```
.border{ border-color:rgb(167, 138, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 138, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 138, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 138, 127);  
box-shadow:4px 4px 4px 4px rgb(167, 138,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 145.4170, -9.0796, 18.9283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 138, 127) }
```

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

```
.background{ background-color: rgb(167,  
138, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor