

Converting Colors

YUV(146.9250, 0.5300, 16.7288)

Have a look what the booklet for
YUV(146.9250, 0.5300, 16.7288)
contains.

YUV(146.9250, 0.5300, 16.7288)	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(146.9250, 0.5300,
16.7288)**

Conversions

Conversions Part 1

Format	Color
Hex	A68994
RGB	166, 137, 148
RGB Percent	65%, 54%, 58%
CMY	0.3490, 0.4627, 0.4196
CMYK	0.00, 0.17, 0.11, 0.35
HSL	337°, 14%, 59%
HSV	337°, 17%, 65%
XYZ	30.0168, 28.1364, 31.8658
YIQ	146.9250, 13.7530, 9.5690

Conversions

Conversions Part 2

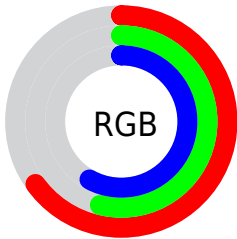
Format	Color
RYB	166, 137, 148
Decimal	10914196
CIELab	60.01, 12.86, -1.73
CIElCh	60, 12.975, 352.334
Yxy	28.1364, 0.3334, 0.3126
Android (android.graphics.Color)	4289104276 (0xFFA68994)
YUV	146.9250, 0.5300, 16.7288
Hunter-Lab	53.0438, 8.1844, 1.5125

Details

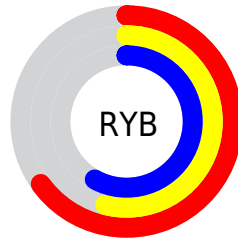
The YUV color $146.9250, 0.5300, 16.7288$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $156.0750, -0.5300, -16.7288$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $200.6370, 0.6720, 17.8584$, and $96.2130, 0.3880, 15.5992$ is the 20% darker color. If you saturate the color by 10%, you get $135.8060, 1.0816, 26.4801$, and if you desaturate by 10%, it is $158.0440, -0.0217, 6.9774$.

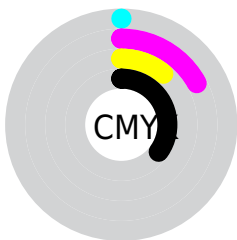
Distribution



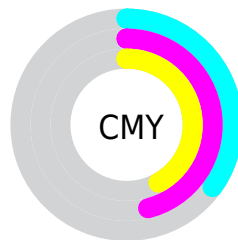
- Red (65%)
- Green (54%)
- Blue (58%)



- Red (65%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (35%)



- Cyan (35%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.9250, 0.5300, 16.7288 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 146.9250, 0.5300, 16.7288 by changing the saturation by 10% instead.


 146.9250, 0.5300,
16.7288


 146.9250, 0.5300,
16.7288


255.0000, 0.0000,
0.0000

 121.2130, 0.3880,
15.5992


 200.6370, 0.6720,
17.8584

 96.2130, 0.3880,
15.5992


 228.9360, 0.5246,
18.4731

 72.6150, 0.6828,
14.3696

 250.3040, 2.3151,
4.1184

 49.3160, 0.8302,
13.7549

 28.6040, 0.6882,
12.6253

 8.0450, -1.5012,
14.8695

 0.0000, 0.0000,

0.0000

■ 146.9250, 0.5300,
16.7288

■ 146.9250, 0.5300,
16.7288

■ 135.8060, 1.0816,
26.4801

■ 158.0440, -0.0217,
6.9774

■ 125.1600, 0.9071,
35.8167

■ 168.6900, 0.1528,
-2.3591

■ 114.0410, 1.4588,
45.5680

■ 179.8090, -0.3988,
-12.1105

■ 103.5090, 1.7211,
54.8046

■ 190.3410, -0.6611,
-21.3471

■ 92.2760, 1.8359,
64.6559

■ 201.5740, -0.7760,
-31.1984

■ 81.1570, 2.3876,
74.4073

■ 212.6930, -1.3276,
-40.9498

■ 70.6250, 2.6499,
83.6439

■ 223.2250, -1.5899,
-50.1863

■ 59.5060, 3.2015,
93.3952

■ 225.5390, 2.1993,
-52.2157

■ 56.8160, 3.0487,
95.7544

■ 226.7930, 7.0041,
-53.3155

Harmonies

Analogous

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



146.6620, 6.0826, 9.0664



146.9250, 0.5300, 16.7288



146.4540, -5.1538, 19.7728

Triad

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



146.9250, 0.5300, 16.7288



143.6660, -10.1883, 1.1699



141.8000, 9.9586, -20.8726

Complementary

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



146.9250, 0.5300, 16.7288



156.0750, -0.5300, -16.7288

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.



140.4640, 6.1802, -22.3319



146.9250, 0.5300, 16.7288



142.0390, -5.9352, -9.6812

Square

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



146.9250, 0.5300, 16.7288



144.7920, -11.2365, 10.7064



140.5910, 0.2016, -18.0583



143.3110, 11.6787, -12.5507

Rectangle

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



146.9250, 0.5300, 16.7288



145.7590, -7.7692, 18.6284



140.5910, 0.2016, -18.0583



140.9740, 9.3798, -21.9022

Sweetspot

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



146.9250, 0.5300, 16.7288



209.7450, 0.1257, 6.3626



145.6880, 10.0138, 8.1666



105.4350, 0.2785, 4.0035



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.



146.9250, 0.5300, 16.7288



186.6920, 0.6448, 26.5801



147.4320, -5.1430, 16.2841



78.7340, 0.1311, 4.6183



50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Inverse Universe

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



146.9250, 0.5300, 16.7288



186.6920, 0.6448, 26.5801



155.5680, 5.1430, -16.2841



78.7340, 0.1311, 4.6183



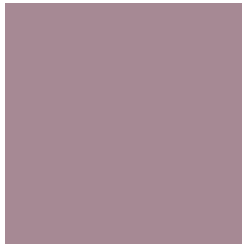
50.6360, 2.6445, 85.3882



6.8920, 0.5462, 11.4957

Previews

White Background



This preview shows how the YUV color 146.9250, 0.5300, 16.7288 looks on a white background.

Color Contrast Check

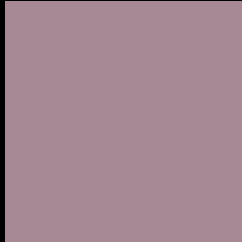
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.9250, 0.5300, 16.7288 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 146.9250, 0.5300, 16.7288

Background



This preview shows how black text looks on a background with the YUV color 146.9250, 0.5300, 16.7288.



This preview shows how white text looks on a background with the YUV color 146.9250, 0.5300,

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

146.9250, 0.5300, 16.7288

Protanopia

145.2110, 3.3470, -0.1850

Deuteranopia

146.1800, 0.4043, 10.3661



Tritanopia

146.9250, 0.5300, 16.7288

Trichromacy



Original Color

146.9250, 0.5300, 16.7288

Protanomaly

145.7280, 2.5991, 6.3775

Deuteranomaly

146.4900, 0.2514, 12.7253

Tritanomaly

146.9250, 0.5300, 16.7288

Monochromacy



Original Color

146.9250, 0.5300, 16.7288

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7450, 0.1257, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9250, 0.5300, 16.7288 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(166, 137, 148)` looks like.

```
.text, #text, p{  
    color:rgb(166, 137, 148)  
}
```

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(166, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 137, 148) }
```

Border

The CSS property to change the border of an element to YUV 146.9250, 0.5300, 16.7288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

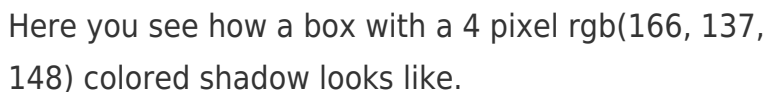
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 137, 148) }
```


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

```
.border{ border-color:rgb(166, 137, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(166, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(166, 137, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(166, 137, 148); box-shadow:4px 4px 4px 4px rgb(166, 137, 148) }
```

Background

The CSS property to change the background color of an element to YUV 146.9250, 0.5300, 16.7288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 137, 148) }
```

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

```
.background{ background-color: rgb(166,  
137, 148) }
```

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