

Converting Colors

YUV(159.3330, -11.5032,
49.6970)

Have a look what the booklet for
YUV(159.3330, -11.5032, 49.6970)
contains.

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Color

**YUV(159.3330, -11.5032,
49.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	D88788
RGB	216, 135, 136
RGB Percent	85%, 53%, 53%
CMY	0.1529, 0.4706, 0.4667
CMYK	0.00, 0.38, 0.37, 0.15
HSL	359°, 51%, 69%
HSV	359°, 38%, 85%
XYZ	41.4268, 33.7044, 27.6147
YIQ	159.3330, 47.9550, 17.4830

Conversions

Conversions Part 2

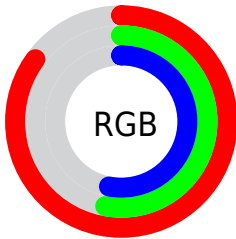
Format	Color
R _Y B	216, 135, 136
Decimal	14190472
CIE Lab	64.73, 31.14, 12.59
CIE LCh	65, 33.584, 22.014
Yxy	33.7044, 0.4032, 0.3280
Android (android.graphics.Color)	4292380552 (0xFFD88788)
YUV	159.3330, -11.5032, 49.6970
Hunter-Lab	58.0555, 25.7754, 12.4370

Details

The YUV color $159.3330, -11.5032, 49.6970$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $191.6670, 11.5032, -49.6970$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $208.7340, -9.7289, 40.5753$, and $106.6530, -10.1819, 45.9083$ is the 20% darker color. If you saturate the color by 10%, you get $144.0250, -14.3093, 63.1221$, and if you desaturate by 10%, it is $174.6410, -8.6970, 36.2718$.

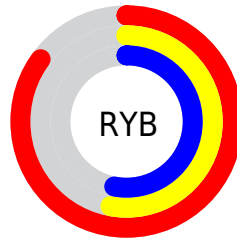
Distribution



Red (85%)

Green (53%)

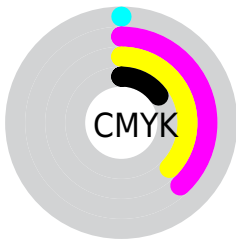
Blue (53%)



Red (85%)

Yellow (53%)

Blue (53%)

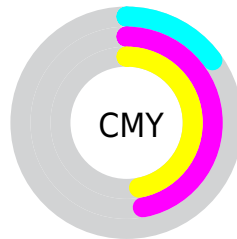


Cyan (0%)

Magenta (38%)

Yellow (37%)

Black (15%)



Cyan (15%)


Magenta (47%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.3330, -11.5032, 49.6970 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 159.3330, -11.5032, 49.6970 by changing the saturation by 10% instead.


 159.3330,
-11.5032, 49.6970

 159.3330,
-11.5032, 49.6970


255.0000, 0.0000,
0.0000

 132.5500,
-10.6241, 47.7527


 208.7340, -9.7289,
40.5753


 106.6530,
-10.1819, 45.9083


 228.3620, -5.6015,
23.3615

 80.9840, -8.8661,
43.8640

 248.5770, -1.7635,
5.6330

 56.3150, -7.5503,
41.8197

 31.2870, -5.0715,
40.0903

 15.8470, -7.8126,
32.5832

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 159.3330,
-11.5032, 49.6970

■ 159.3330,
-11.5032, 49.6970

■ 144.0250,
-14.3093, 63.1221

■ 174.6410, -8.6970,
36.2718

■ 129.1900,
-17.8417, 76.1324

■ 189.4760, -5.1647,
23.2615

■ 113.8820,
-20.6478, 89.5575

■ 204.7840, -2.3585,
9.8364

■ 99.1610, -23.7434,
102.4678

■ 219.5050, 0.7370,
-3.0739

■ 83.7390, -26.9863,
115.9929

■ 234.9270, 3.9800,
-16.5990

■ 68.4310, -29.7925,
129.4180

■ 243.3390, 5.7489,
-23.9763

■ 64.9260, -30.5295,
132.4919

Harmonies

Analogous

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



160.9590, 2.4852, 43.0090



159.3330, -11.5032, 49.6970



157.6020, -22.9748, 42.4450

Triad

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



159.3330, -11.5032, 49.6970



148.6490, -14.6170, -25.1252



149.9170, 32.5789, -42.9002

Complementary

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



159.3330, -11.5032, 49.6970



191.6670, 11.5032, -49.6970

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.



139.0780, 31.5135, -74.6134



159.3330, -11.5032, 49.6970



142.9410, 2.4941, -53.4453

Square

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



159.3330, -11.5032, 49.6970



152.8390, -26.0496, 1.8952



135.8960, 20.7573, -77.9618



158.0570, 27.0869, -7.9430

Rectangle

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



159.3330, -11.5032, 49.6970



156.5700, -27.8890, 31.9491



135.8960, 20.7573, -77.9618



146.5520, 32.7589, -53.9811

Sweetspot

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



159.3330, -11.5032, 49.6970



235.3720, -4.1274, 17.2138



168.1540, 23.5881, 41.0839



116.0830, -2.5059, 10.4512



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



159.3330, -11.5032, 49.6970



174.6130, -16.0782, 70.4994



182.1120, -23.2262, 29.7198



99.4030, -1.1847, 6.6626



51.3570, -24.3330, 104.9269



12.9710, -5.9017, 26.3354

Inverse Universe

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



159.3330, -11.5032, 49.6970



174.6130, -16.0782, 70.4994



168.8880, 23.2262, -29.7198



99.4030, -1.1847, 6.6626



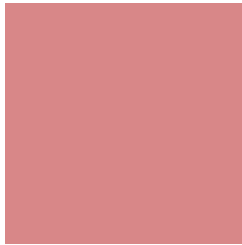
51.3570, -24.3330, 104.9269



12.9710, -5.9017, 26.3354

Previews

White Background



This preview shows how the YUV color 159.3330, -11.5032, 49.6970 looks on a white background.

Color Contrast Check

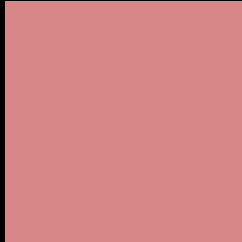
Large Text (above 18pt) WCAG AA × Fail

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 159.3330, -11.5032, 49.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

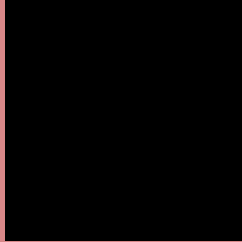
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.3330, -11.5032, 49.6970

Background



This preview shows how black text looks on a background with the YUV color 159.3330, -11.5032, 49.6970.



This preview shows how white text looks on a background with the YUV color 159.3330, -11.5032, 49.6970.

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

159.3330, -11.5032, 49.6970

Protanopia

157.6540, -5.2524, 4.6884

Deuteranopia

157.9180, -12.2846, 20.2429



Tritanopia

159.9570, -7.8668, 50.0267

Trichromacy



Original Color

159.3330, -11.5032, 49.6970

Protanomaly

158.1830, -7.4852, 20.8875

Deuteranomaly

158.3970, -12.0277, 31.2238

Tritanomaly

159.6150, -9.1772, 50.3266

Monochromacy



Original Color

159.3330, -11.5032, 49.6970

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0840, -3.9854, 18.3433

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3330, -11.5032, 49.6970 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(216, 135, 136)` looks like.

```
.text, #text, p{  
    color:rgb(216, 135, 136)  
}
```

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(216, 135, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 135, 136) }
```

Border

The CSS property to change the border of an element to YUV 159.3330, -11.5032, 49.6970 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(216, 135, 136) }
```


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

```
.border{ border-color:rgb(216, 135, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 135, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 135, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 135, 136);  
box-shadow:4px 4px 4px 4px rgb(216, 135,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 159.3330, -11.5032, 49.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 135, 136) }
```

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

```
.background{ background-color: rgb(216,  
135, 136) }
```

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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