

Converting Colors

YUV(168.2530, -16.8867,
49.7671)

Have a look what the booklet for
YUV(168.2530, -16.8867, 49.7671)
contains.

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Color

**YUV(168.2530, -16.8867,
49.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	E19286
RGB	225, 146, 134
RGB Percent	88%, 57%, 53%
CMY	0.1176, 0.4275, 0.4745
CMYK	0.00, 0.35, 0.40, 0.12
HSL	8°, 60%, 70%
HSV	8°, 40%, 88%
XYZ	45.6333, 38.2866, 27.5392
YIQ	168.2530, 50.9360, 13.0160

Conversions

Conversions Part 2

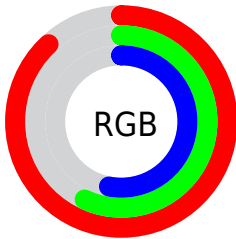
Format	Color
R _Y B	225, 148, 134
Decimal	14783110
CIE Lab	68.23, 28.45, 18.74
CIE LCh	68, 34.071, 33.378
Yxy	38.2866, 0.4094, 0.3435
Android (android.graphics.Color)	4292973190 (0xFFE19286)
YUV	168.2530, -16.8867, 49.7671
Hunter-Lab	61.8761, 23.3595, 16.9251

Details

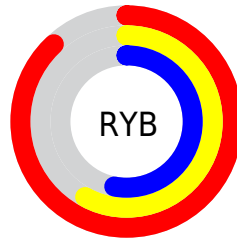
The YUV color **168.2530, -16.8867, 49.7671** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **190.7470, 16.8867, -49.7671**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5500, -14.0751, 34.5977**, and **115.2740, -15.4181, 45.3637** is the 20% darker color. If you saturate the color by 10%, you get **154.0050, -20.7085, 62.2626**, and if you desaturate by 10%, it is **182.6150, -12.6282, 37.1716**.

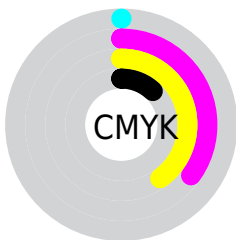
Distribution



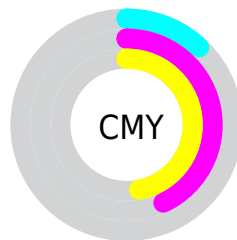
- Red (88%)
- Green (57%)
- Blue (53%)



- Red (88%)
- Yellow (58%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (40%)
- Black (12%)



- Cyan (12%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.2530, -16.8867, 49.7671 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 168.2530, -16.8867, 49.7671 by changing the saturation by 10% instead.

■ 168.2530,
-16.8867, 49.7671

■ 168.2530,
-16.8867, 49.7671

■ 255.0000, 0.0000,
0.0000

■ 141.4700,
-16.0077, 47.8228

■ 215.5500,
-14.0751, 34.5977

■ 115.2740,
-15.4181, 45.3637

■ 235.1780, -9.9478,
17.3839

■ 89.6050, -14.1023,
43.3194

■ 253.6320, -5.2416,
1.1997

■ 64.9360, -12.7864,
41.2751

■ 41.0820, -10.8864,
38.5161

■ 17.6410, -8.6970,
36.2718

■ 10.5790, -4.7224,

21.4172

0.0000, 0.0000,
0.0000

168.2530,
-16.8867, 49.7671

168.2530,
-16.8867, 49.7671

154.0050,
-20.7085, 62.2626

182.6150,
-12.6282, 37.1716

140.2300,
-25.2564, 74.3433

196.2760, -8.5171,
25.1909

125.9820,
-29.0781, 86.8388

210.6380, -4.2585,
12.5955

112.2070,
-33.6261, 98.9195

224.2990, -0.1474,
0.6148

97.9590, -37.4478,
111.4150

238.6610, 4.1111,
-11.9807

■ 84.8850, -41.8483,
122.8809

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



169.9120, -2.9146, 48.3122



168.2530, -16.8867, 49.7671



166.5430, -26.8897, 38.1118

Triad

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



168.2530, -16.8867, 49.7671



156.0650, -8.9060, -36.8910



163.0650, 31.5200, -29.8750

Complementary

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



168.2530, -16.8867, 49.7671



190.7470, 16.8867, -49.7671

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.



153.0130, 33.5176, -64.0324



168.2530, -16.8867, 49.7671



149.4110, 9.6574, -64.3814

Square

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



168.2530, -16.8867, 49.7671



160.8700, -23.1069, -8.6560



145.3670, 26.4411, -81.0059



169.3360, 23.9914, 4.9673

Rectangle

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



168.2530, -16.8867, 49.7671



164.7710, -29.4671, 24.7568



145.3670, 26.4411, -81.0059



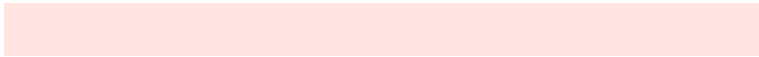
159.7430, 33.1577, -41.8706

Sweetspot

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



168.2530, -16.8867, 49.7671



235.6170, -5.7272, 16.9989



170.3290, 21.5298, 47.9465



116.5560, -3.2321, 10.0364



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.



168.2530, -16.8867, 49.7671



177.3540, -23.3455, 68.0955



194.0810, -29.6199, 27.1160



104.8760, -1.9109, 6.2477



66.1250, -32.5996, 96.3604



17.8740, -8.8119, 26.4205

Inverse Universe

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



190.7470, 16.8867, -49.7671



208.2330, 23.0561, -68.6103



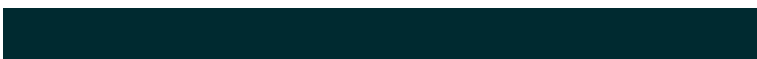
164.9190, 29.6199, -27.1160



108.1240, 1.9109, -6.2477



109.8750, 32.5996, -96.3604



30.1260, 8.8119, -26.4205

Previews

White Background



This preview shows how the YUV color 168.2530, -16.8867, 49.7671 looks on a white background.

Color Contrast Check

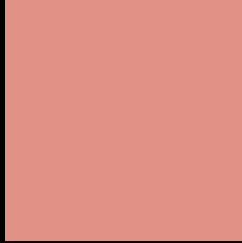
Large Text (above 18pt) WCAG AA × Fail

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 168.2530, -16.8867, 49.7671 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 168.2530, -16.8867, 49.7671

Background



This preview shows how black text looks on a background with the YUV color 168.2530, -16.8867, 49.7671.



This preview shows how white text looks on a background with the YUV color 168.2530, -16.8867,

49.7671.

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

168.2530, -16.8867, 49.7671

Protanopia

166.1830, -10.9362, 7.7325

Deuteranopia

167.1590, -17.8264, 24.4166



Tritanopia

169.3700, -7.5774, 50.5415

Trichromacy



Original Color

168.2530, -16.8867, 49.7671

Protanomaly

167.0000, -13.3110, 22.8020

Deuteranomaly

167.6270, -17.5641, 33.6531

Tritanomaly

168.8600, -10.7770, 50.1118

Monochromacy



Original Color

168.2530, -16.8867, 49.7671

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.2150, -6.0220, 18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2530, -16.8867, 49.7671 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(225, 146, 134)` looks like.

```
.text, #text, p{  
    color:rgb(225, 146, 134)  
}
```

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(225, 146, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 146, 134) }
```

Border

The CSS property to change the border of an element to YUV 168.2530, -16.8867, 49.7671 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(225, 146, 134) }
```


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

```
.border{ border-color:rgb(225, 146, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 146, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 146, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 146, 134); box-shadow:4px 4px 4px 4px rgb(225, 146, 134) }
```

Background

The CSS property to change the background color of an element to YUV 168.2530, -16.8867, 49.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 146, 134) }
```

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

```
.background{ background-color: rgb(225,  
146, 134) }
```

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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