

Converting Colors

YUV(166.3830, -17.4438,
41.7601)

Have a look what the booklet for
YUV(166.3830, -17.4438, 41.7601)
contains.

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Color

**YUV(166.3830, -17.4438,
41.7601)**

Conversions

Conversions Part 1

Format	Color
Hex	D69583
RGB	214, 149, 131
RGB Percent	84%, 58%, 51%
CMY	0.1608, 0.4157, 0.4863
CMYK	0.00, 0.30, 0.39, 0.16
HSL	13°, 50%, 68%
HSV	13°, 39%, 84%
XYZ	42.5757, 37.4297, 26.4534
YIQ	166.3830, 44.5180, 8.1820

Conversions

Conversions Part 2

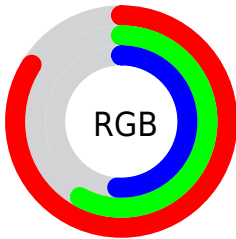
Format	Color
RYB	214, 154, 131
Decimal	14062979
CIELab	67.60, 22.23, 19.34
CIElCh	68, 29.466, 41.016
Yxy	37.4297, 0.3999, 0.3516
Android (android.graphics.Color)	4292253059 (0xFFD69583)
YUV	166.3830, -17.4438, 41.7601
Hunter-Lab	61.1798, 17.1554, 17.1896

Details

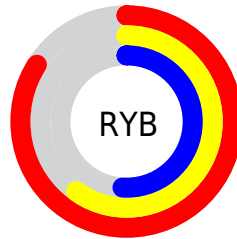
The YUV color **166.3830, -17.4438, 41.7601** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **178.6170, 17.4438, -41.7601**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.3820, -15.9643, 33.8680**, and **113.8170, -15.6858, 37.8715** is the 20% darker color. If you saturate the color by 10%, you get **154.0100, -21.6969, 52.6112**, and if you desaturate by 10%, it is **178.7560, -13.1907, 30.9090**.

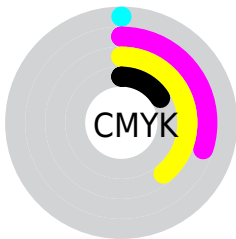
Distribution



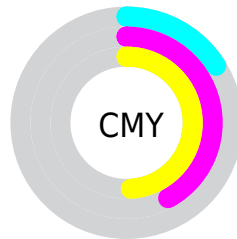
- Red (84%)
- Green (58%)
- Blue (51%)



- Red (84%)
- Yellow (60%)
- Blue (51%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3830, -17.4438, 41.7601 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 166.3830, -17.4438, 41.7601 by changing the saturation by 10% instead.

■ 166.3830,
-17.4438, 41.7601

■ 166.3830,
-17.4438, 41.7601

■ 255.0000, 0.0000,
0.0000

■ 139.6000,
-16.5648, 39.8158

■ 216.3820,
-15.9643, 33.8680

■ 113.8170,
-15.6858, 37.8715

■ 236.5970,
-12.1263, 16.1394

■ 88.9200, -15.2436,
36.0272

■ 253.2900, -6.5520,
1.4997

■ 64.3650, -13.4909,
33.8829

■ 41.2830, -12.4645,
31.3238

■ 19.0700, -9.4015,
28.8796

■ 7.2900, -3.1010,

14.6547

■ 0.0000, 0.0000,
0.0000

■ 166.3830,
-17.4438, 41.7601

■ 166.3830,
-17.4438, 41.7601

■ 154.0100,
-21.6969, 52.6112

■ 178.7560,
-13.1907, 30.9090

■ 141.5230,
-26.3868, 63.5623

■ 191.2430, -8.5008,
19.9579

■ 129.7370,
-30.9293, 73.8987

■ 203.0290, -3.9583,
9.6216

■ 117.2500,
-35.6193, 84.8498

■ 215.5160, 0.7316,
-1.3295

■ 104.8770,
-39.8724, 95.7009

■ 227.8890, 4.9847,
-12.1807

■ 92.5040, -44.1255,
106.5520

■ 239.8060, 7.4906,
-22.6319

■ 90.9880, -44.8571,
107.8815

■ 242.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



168.0810, -5.9559, 43.7790



166.3830, -17.4438, 41.7601



164.4710, -24.3892, 29.4049

Triad

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



166.3830, -17.4438, 41.7601



155.0310, -3.9593, -36.8612



163.9480, 25.6616, -17.4944

Complementary

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



166.3830, -17.4438, 41.7601



178.6170, 17.4438, -41.7601

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.



156.7550, 28.2218, -45.3891



166.3830, -17.4438, 41.7601



150.6230, 11.5249, -56.6744

Square

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



166.3830, -17.4438, 41.7601



158.7430, -17.1283, -12.9296



150.5050, 23.9080, -61.8329



167.8870, 18.2967, 11.5001

Rectangle

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



166.3830, -17.4438, 41.7601



162.7530, -25.5142, 16.8796



150.5050, 23.9080, -61.8329



161.9360, 27.1466, -27.1309

Sweetspot

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



166.3830, -17.4438, 41.7601



237.3780, -6.5954, 15.4545



163.2270, 16.1571, 44.5279



117.7300, -3.8109, 9.0068



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.



166.3830, -17.4438, 41.7601



186.1420, -25.2130, 60.3885



190.4500, -29.3088, 20.6534



101.0500, -2.4896, 5.2182



72.8480, -35.9141, 86.0793



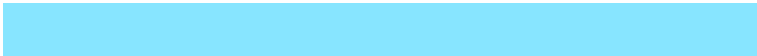
18.1400, -8.9430, 21.8022

Inverse Universe

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



178.6170, 17.4438, -41.7601



203.8580, 25.2130, -60.3885



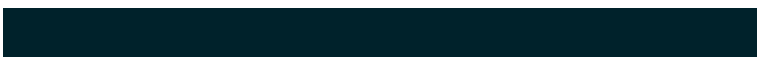
154.5500, 29.3088, -20.6534



102.5370, 2.2003, -5.7329



98.1520, 35.9141, -86.0793



24.8600, 8.9430, -21.8022

Previews

White Background



This preview shows how the YUV color 166.3830, -17.4438, 41.7601 looks on a white background.

Color Contrast Check

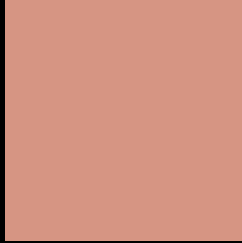
Large Text (above 18pt) WCAG AA × Fail

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 166.3830, -17.4438, 41.7601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

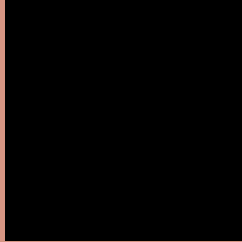
Any Text WCAG AA ✓ Pass

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 166.3830, -17.4438, 41.7601 Background



This preview shows how black text looks on a background with the YUV color 166.3830, -17.4438, 41.7601.



This preview shows how white text looks on a background with the YUV color 166.3830, -17.4438,

41.7601.

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

166.3830, -17.4438, 41.7601

Protanopia

164.6130, -13.1202, 8.2324

Deuteranopia

165.1590, -17.8264, 24.4166



Tritanopia

167.4830, -5.6611, 42.5494

Trichromacy



Original Color

166.3830, -17.4438, 41.7601

Protanomaly

165.2340, -14.9054, 20.8428

Deuteranomaly

165.9040, -17.7007, 30.7792

Tritanomaly

166.7450, -9.7343, 42.3196

Monochromacy



Original Color

166.3830, -17.4438, 41.7601

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0790, -6.4479, 14.8397

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3830, -17.4438, 41.7601 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(214, 149, 131)` looks like.

```
.text, #text, p{  
    color:rgb(214, 149, 131)  
}
```

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(214, 149, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 149, 131) }
```

Border

The CSS property to change the border of an element to YUV 166.3830, -17.4438, 41.7601 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(214, 149, 131) }
```


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

```
.border{ border-color:rgb(214, 149, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 149, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 149, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 149, 131);  
box-shadow:4px 4px 4px 4px rgb(214, 149,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 166.3830, -17.4438, 41.7601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 149, 131) }
```

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

```
.background{ background-color: rgb(214,  
149, 131) }
```

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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