

Converting Colors

YUV(166.4200, -20.4201,
16.2947)

Have a look what the booklet for
YUV(166.4200, -20.4201, 16.2947)
contains.

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Color

**YUV(166.4200, -20.4201,
16.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A57D
RGB	185, 165, 125
RGB Percent	73%, 65%, 49%
CMY	0.2745, 0.3529, 0.5098
CMYK	0.00, 0.11, 0.32, 0.27
HSL	40°, 30%, 61%
HSV	40°, 32%, 73%
XYZ	37.1644, 38.7052, 24.9141
YIQ	166.4200, 24.7600, -8.2000

Conversions

Conversions Part 2

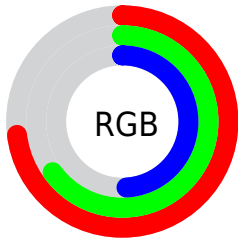
Format	Color
RYB	155, 185, 125
Decimal	12166525
CIELab	68.54, 1.24, 23.43
CIELCh	69, 23.459, 86.975
Yxy	38.7052, 0.3688, 0.3840
Android (android.graphics.Color)	4290356605 (0xFFB9A57D)
YUV	166.4200, -20.4201, 16.2947
Hunter-Lab	62.2135, -2.2434, 19.8061

Details

The YUV color $166.4200, -20.4201, 16.2947$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $143.5800, 20.4201, -16.2947$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.7900, -21.5885, 17.7242$, and $114.1640, -18.8149, 14.7652$ is the 20% darker color. If you saturate the color by 10%, you get $160.7320, -26.9829, 21.2830$, and if you desaturate by 10%, it is $172.1080, -13.8572, 11.3063$.

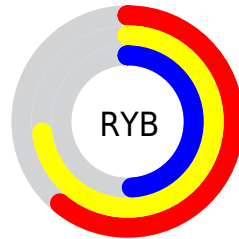
Distribution



Red (73%)

Green (65%)

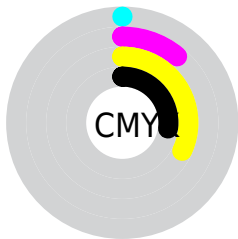
Blue (49%)



Red (61%)

Yellow (73%)

Blue (49%)

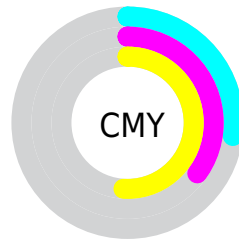


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4200, -20.4201, 16.2947 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 166.4200, -20.4201, 16.2947 by changing the saturation by 10% instead.

■ 166.4200,
-20.4201, 16.2947

■ 166.4200,
-20.4201, 16.2947

255.0000, 0.0000,
0.0000

■ 140.2350,
-19.8359, 15.5799

■ 221.7900,
-21.5885, 17.7242

■ 114.1640,
-18.8149, 14.7652

■ 245.1910,
-19.8142, 8.6025

■ 89.6800, -18.0832,
13.4356

■ 252.6060, -9.1728,
2.0995

■ 66.1960, -17.3516,
12.1061

■ 43.4840, -17.4936,
10.9765

■ 23.6670, -11.6678,
9.0620

■ 0.0000, 0.0000,

0.0000

■ 166.4200,
-20.4201, 16.2947

■ 166.4200,
-20.4201, 16.2947

■ 160.7320,
-26.9829, 21.2830

■ 172.1080,
-13.8572, 11.3063

■ 155.1580,
-33.1089, 26.1714

■ 177.6820, -7.7312,
6.4179

■ 149.4700,
-39.6717, 31.1598

■ 183.9570, -1.4578,
0.9147

■ 143.3090,
-45.5083, 36.5630

■ 189.5310, 4.6682,
-3.9737

■ 137.7350,
-51.6344, 41.4514

■ 195.2190, 11.2310,
-8.9621

■ 132.0470,
-58.1972, 46.4398

■ 200.7930, 17.3571,
-13.8505

■ 127.5160,
-62.8654, 50.4135

■ 206.3670, 23.4831,
-18.7389

■ 210.0030, 22.1835,
-21.9276

■ 213.5250, 20.4472,
-25.0164

Harmonies

Analogous

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



168.1920, -17.8427, 29.6496



166.4200, -20.4201, 16.2947



164.1080, -17.3082, -1.8487

Triad

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



166.4200, -20.4201, 16.2947



157.9710, 13.8183, -45.5786



171.0530, 9.8339, 19.2475

Complementary

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



166.4200, -20.4201, 16.2947



143.5800, 20.4201, -16.2947

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.



168.6960, 17.8979, -0.6104



166.4200, -20.4201, 16.2947



159.8390, 20.7854, -40.2008

Square

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



166.4200, -20.4201, 16.2947



158.7520, 2.5873, -36.6165



165.1770, 21.6047, -22.9572



170.4970, -0.2450, 32.0131

Rectangle

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



166.4200, -20.4201, 16.2947



162.1110, -11.8867, -14.1293



165.1770, 21.6047, -22.9572



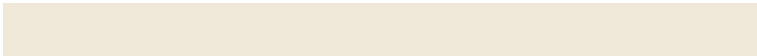
170.4050, 12.6183, 12.7998

Sweetspot

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



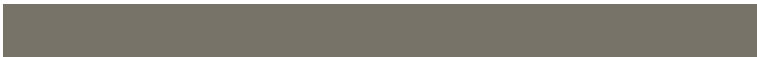
166.4200, -20.4201, 16.2947



232.5680, -8.1680, 6.5179



145.2200, -0.1085, 34.8871



115.3550, -5.1050, 4.0737



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



166.4200, -20.4201, 16.2947



211.0870, -32.0879, 25.3567



175.1700, -24.7338, -0.1491



89.2130, -3.0630, 2.4442



107.6920, -53.0922, 42.3661



19.5250, -9.6258, 7.4326

Inverse Universe

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



143.5800, 20.4201, -16.2947



174.9130, 32.0879, -25.3567



134.8300, 24.7338, 0.1491



85.7870, 3.0630, -2.4442



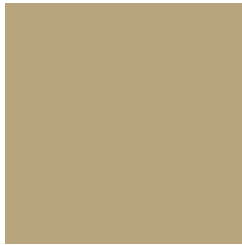
48.3080, 53.0922, -42.3661



8.4750, 9.6258, -7.4326

Previews

White Background



This preview shows how the YUV color 166.4200, -20.4201, 16.2947 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 166.4200, -20.4201, 16.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

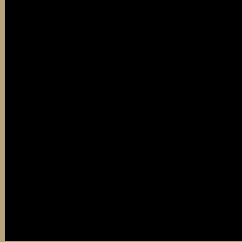
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.4200, -20.4201, 16.2947

Background



This preview shows how black text looks on a background with the YUV color 166.4200, -20.4201, 16.2947.



This preview shows how white text looks on a background with the YUV color 166.4200, -20.4201, 16.2947.

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

166.4200, -20.4201, 16.2947

Protanopia

165.9140, -19.6776, 11.4764

Deuteranopia

167.1870, -20.3052, 26.1460



Tritanopia

169.6370, 0.6720, 17.8584

Trichromacy



Original Color

166.4200, -20.4201, 16.2947

Protanomaly

165.9250, -19.6830, 13.2208

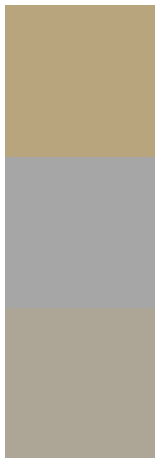
Deuteranomaly

167.1650, -20.2943, 22.6573

Tritanomaly

168.2750, -7.0376, 17.2988

Monochromacy



Original Color

166.4200, -20.4201, 16.2947

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3830, -7.5838, 5.8031

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4200, -20.4201, 16.2947 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(185, 165, 125)` looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 125)  
}
```

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(185, 165, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 125) }
```

Border

The CSS property to change the border of an element to YUV 166.4200, -20.4201, 16.2947 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

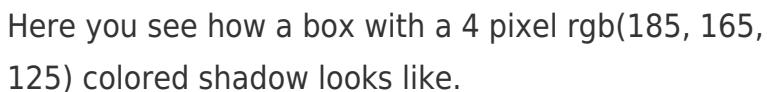
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 165, 125) }
```


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

```
.border{ border-color:rgb(185, 165, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 165, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 165, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 165, 125); box-shadow:4px 4px 4px 4px rgb(185, 165, 125) }
```

Background

The CSS property to change the background color of an element to YUV 166.4200, -20.4201, 16.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 125) }
```

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

```
.background{ background-color: rgb(185,  
165, 125) }
```

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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