

Converting Colors

YUV(166.7160, -29.4400,
16.0351)

Have a look what the booklet for
YUV(166.7160, -29.4400, 16.0351)
contains.

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Color

**YUV(166.7160, -29.4400,
16.0351)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A96B
RGB	185, 169, 107
RGB Percent	73%, 66%, 42%
CMY	0.2745, 0.3373, 0.5804
CMYK	0.00, 0.09, 0.42, 0.27
HSL	48°, 36%, 57%
HSV	48°, 42%, 73%
XYZ	36.8494, 39.7518, 19.6406
YIQ	166.7160, 29.4380, -15.8900

Conversions

Conversions Part 2

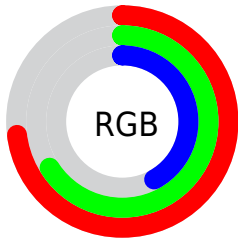
Format	Color
RYB	127, 185, 107
Decimal	12167531
CIELab	69.29, -3.05, 34.05
CIELCh	69, 34.188, 95.123
Yxy	39.7518, 0.3829, 0.4130
Android (android.graphics.Color)	4290357611 (0xFFB9A96B)
YUV	166.7160, -29.4400, 16.0351
Hunter-Lab	63.0490, -6.0103, 25.6647

Details

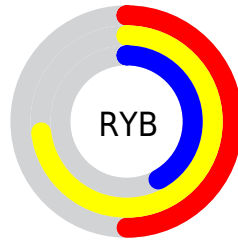
The YUV color **166.7160, -29.4400, 16.0351** is a light color, and the websafe version is hex **999966**. A complement of this color would be **125.2840, 29.4400, -16.0351**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9720, -31.0452, 17.5646**, and **114.1610, -27.6874, 13.8908** is the 20% darker color. If you saturate the color by 10%, you get **162.3160, -36.1448, 19.8939**, and if you desaturate by 10%, it is **171.2300, -22.2984, 12.0763**.

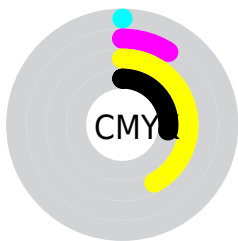
Distribution



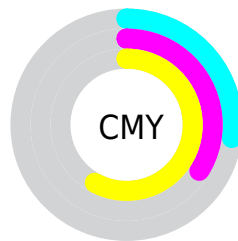
- Red (73%)
- Green (66%)
- Blue (42%)



- Red (50%)
- Yellow (73%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (42%)
- Black (27%)



- Cyan (27%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7160, -29.4400, 16.0351 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 166.7160, -29.4400, 16.0351 by changing the saturation by 10% instead.

■ 166.7160,
-29.4400, 16.0351

■ 166.7160,
-29.4400, 16.0351

■ 255.0000, 0.0000,
0.0000

■ 140.2320,
-28.7084, 14.7055

■ 221.9720,
-31.0452, 17.5646

■ 114.1610,
-27.6874, 13.8908

■ 245.9600,
-29.5603, 7.9281

■ 89.6770, -26.9558,
12.5613

■ 250.3260,
-17.9087, 4.0991

■ 65.2640, -27.2452,
12.0465

■ 253.6320, -5.2416,
1.1997

■ 44.0340, -21.7088,
9.6172

■ 25.1180, -12.3832,
5.1585

■ 0.0000, 0.0000,

0.0000

■ 166.7160,
-29.4400, 16.0351

■ 166.7160,
-29.4400, 16.0351

■ 162.3160,
-36.1448, 19.8939

■ 171.2300,
-22.2984, 12.0763

■ 157.8020,
-43.2864, 23.8526

■ 175.6300,
-15.5936, 8.2175

■ 153.9890,
-50.2806, 27.1966

■ 179.5570, -8.1626,
4.7735

■ 149.4750,
-57.4222, 31.1554

■ 183.9570, -1.4578,
0.9147

■ 144.9610,
-64.5638, 35.1142

■ 188.4710, 5.6838,
-3.0441

■ 141.6040,
-69.8108, 38.0583

■ 192.8710, 12.3886,
-6.9029

■ 197.3850, 19.5302,
-10.8616

■ 201.1980, 26.5244,
-14.2056

■ 203.5460, 25.3668,
-16.2648

Harmonies

Analogous

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



169.1300, -27.1791, 37.5970



166.7160, -29.4400, 16.0351



163.3860, -22.3753, -9.9855

Triad

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



166.7160, -29.4400, 16.0351



148.5950, 27.3147, -81.2058



173.4940, 11.0955, 34.6468

Complementary

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



166.7160, -29.4400, 16.0351



125.2840, 29.4400, -16.0351

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.



172.2330, 23.5491, 6.8117



166.7160, -29.4400, 16.0351



156.4370, 33.8016, -61.7732

Square

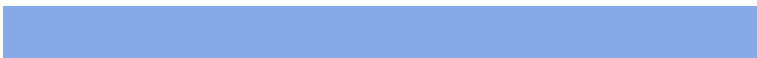
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



166.7160, -29.4400, 16.0351



152.0410, 10.8258, -65.8110



166.3750, 31.3671, -27.5159



172.3960, -3.6462, 49.6417

Rectangle

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



166.7160, -29.4400, 16.0351



159.9690, -13.2957, -28.9138



166.3750, 31.3671, -27.5159



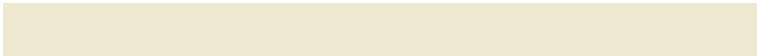
173.5900, 15.4851, 26.6696

Sweetspot

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



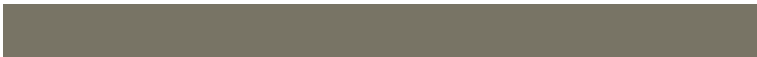
166.7160, -29.4400, 16.0351



232.3570, -11.5150, 6.7029



132.2600, -4.0722, 46.2530



115.4860, -7.1416, 3.9588



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.



166.7160, -29.4400, 16.0351



211.3030, -46.4914, 25.1673



169.5300, -30.8273, -5.7268



89.8000, -3.3524, 1.9294



119.4320, -58.8800, 32.0701



21.2860, -10.4940, 5.8882

Inverse Universe

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



125.2840, 29.4400, -16.0351



146.2840, 46.2020, -25.6821



122.4700, 30.8273, 5.7268



85.2000, 3.3524, -1.9294



36.5680, 58.8800, -32.0701



6.7140, 10.4940, -5.8882

Previews

White Background



This preview shows how the YUV color 166.7160, -29.4400, 16.0351 looks on a white background.

Color Contrast Check

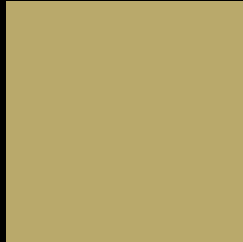
Large Text (above 18pt) WCAG AA × Fail

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 166.7160, -29.4400, 16.0351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

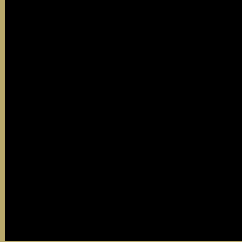
Any Text WCAG AA ✓ Pass

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 166.7160, -29.4400, 16.0351 Background



This preview shows how black text looks on a background with the YUV color 166.7160, -29.4400, 16.0351.



This preview shows how white text looks on a background with the YUV color 166.7160, -29.4400,

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

166.7160, -29.4400, 16.0351

Protanopia

166.4170, -29.2926, 15.4203

Deuteranopia

168.5160, -29.3414, 31.1195



Tritanopia

171.6370, 0.6720, 17.8584

Trichromacy



Original Color

166.7160, -29.4400, 16.0351

Protanomaly

166.4170, -29.2926, 15.4203

Deuteranomaly

168.0700, -29.6145, 25.3716

Tritanomaly

169.7650, -10.2371, 16.8691

Monochromacy



Original Color

166.7160, -29.4400, 16.0351

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1720, -10.9308, 5.9882

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7160, -29.4400, 16.0351 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, 169, 107)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 107)  
}
```

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, 169, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 107) }
```

Border

The CSS property to change the border of an element to YUV 166.7160, -29.4400, 16.0351 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, 169, 107) }
```


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

```
.border{ border-color:rgb(185, 169, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 107);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 166.7160, -29.4400, 16.0351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 107) }
```

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

```
.background{ background-color: rgb(185,  
169, 107) }
```

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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