

Converting Colors

YUV(166.2840, -4.0840, 3.2589)

Have a look what the booklet for
YUV(166.2840, -4.0840, 3.2589)
contains.

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Color

**YUV(166.2840, -4.0840,
3.2589)**

Conversions

Conversions Part 1

Format	Color
Hex	AAA69E
RGB	170, 166, 158
RGB Percent	67%, 65%, 62%
CMY	0.3333, 0.3490, 0.3804
CMYK	0.00, 0.02, 0.07, 0.33
HSL	40°, 7%, 64%
HSV	40°, 7%, 67%
XYZ	36.3853, 38.2871, 37.8202
YIQ	166.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

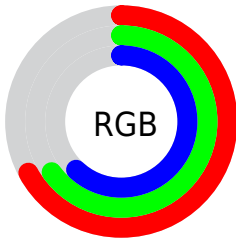
Format	Color
RYB	164, 170, 158
Decimal	11183774
CIELab	68.23, -0.02, 4.64
CIELCh	68, 4.638, 90.222
Yxy	38.2871, 0.3234, 0.3404
Android (android.graphics.Color)	4289373854 (0xFFAAA69E)
YUV	166.2840, -4.0840, 3.2589
Hunter-Lab	61.8766, -3.3205, 7.0744

Details

The YUV color **166.2840, -4.0840, 3.2589** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161.7160, 4.0840, -3.2589**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2840, -4.0840, 3.2589**, and **114.3980, -3.6472, 3.1590** is the 20% darker color. If you saturate the color by 10%, you get **160.8240, -9.7732, 8.0474**, and if you desaturate by 10%, it is **171.7440, 1.6052, -1.5295**.

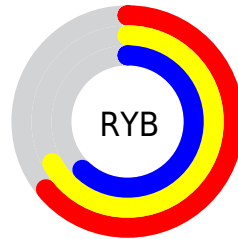
Distribution



Red (67%)

Green (65%)

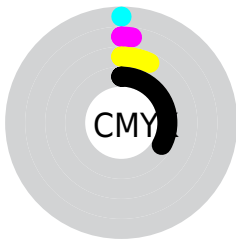
Blue (62%)



Red (64%)

Yellow (67%)

Blue (62%)

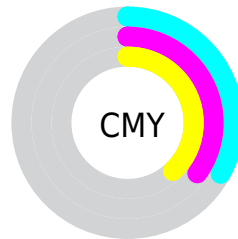


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2840, -4.0840, 3.2589 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 166.2840, -4.0840, 3.2589 by changing the saturation by 10% instead.

■ 166.2840, -4.0840,
3.2589

■ 166.2840, -4.0840,
3.2589

255.0000, 0.0000,
0.0000

■ 140.2840, -4.0840,
3.2589

■ 221.2840, -4.0840,
3.2589

■ 114.3980, -3.6472,
3.1590

■ 250.1700, -4.5208,
3.3589

■ 90.0990, -3.4998,
2.5442

■ 66.5120, -3.2104,
3.0590

■ 44.2130, -3.0630,
2.4442

■ 24.0990, -3.4998,
2.5442

■ 0.0000, 0.0000,

0.0000

■ 166.2840, -4.0840,
3.2589

■ 166.2840, -4.0840,
3.2589

■ 160.8240, -9.7732,
8.0474

■ 171.7440, 1.6052,
-1.5295

■ 155.9510,
-15.7518, 12.3210

■ 176.6170, 7.5838,
-5.8031

■ 150.4910,
-21.4411, 17.1094

■ 182.0770, 13.2730,
-10.5915

■ 145.0310,
-27.1303, 21.8978

■ 187.5370, 18.9623,
-15.3799

■ 140.1580,
-33.1089, 26.1714

■ 192.4100, 24.9409,
-19.6536

■ 134.6980,
-38.7981, 30.9599

■ 197.3000, 28.4461,
-23.9421

■ 129.2380,
-44.4873, 35.7483

■ 200.8220, 26.7098,
-27.0309

■ 124.3650,
-50.4659, 40.0219

■ 203.7570, 25.2628,
-29.6049

■ 118.9050,
-56.1552, 44.8103

■ 207.2790, 23.5265,
-32.6937

Harmonies

Analogous

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



167.0070, -3.9475, 6.1329



166.2840, -4.0840, 3.2589



165.4900, -3.1996, -0.4297

Triad

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



166.2840, -4.0840, 3.2589



165.2270, 2.3531, -8.0921



167.1900, 1.8783, 4.2184

Complementary

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



166.2840, -4.0840, 3.2589



161.7160, 4.0840, -3.2589

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.



166.6240, 3.6364, 0.3298



166.2840, -4.0840, 3.2589



165.5800, 3.6581, -6.6477

Square

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



166.2840, -4.0840, 3.2589



165.0700, 0.4585, -7.0774



166.4170, 4.2314, -3.8737



167.5170, -0.7479, 6.5626

Rectangle

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



166.2840, -4.0840, 3.2589



165.4080, -2.1731, -2.9888



166.4170, 4.2314, -3.8737



167.0050, 2.4625, 3.5036

Sweetspot

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



166.2840, -4.0840, 3.2589



220.2560, -1.6052, 1.5295



162.0440, -0.0217, 6.9774



111.1850, -0.5842, 0.7148



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



166.2840, -4.0840, 3.2589



216.4260, -6.1260, 4.8884



168.0340, -4.9468, -0.0298



81.3270, -2.6262, 2.3442



102.3650, -50.4659, 40.0219



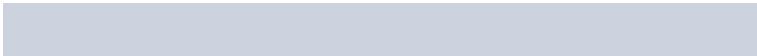
14.1980, -6.9996, 5.0884

Inverse Universe

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



161.7160, 4.0840, -3.2589



209.5740, 6.1260, -4.8884



159.9660, 4.9468, 0.0298



78.6730, 2.6262, -2.3442



45.6350, 50.4659, -40.0219



6.3890, 6.7102, -5.6032

Previews

White Background



This preview shows how the YUV color 166.2840, -4.0840, 3.2589 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 166.2840, -4.0840, 3.2589 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 166.2840, -4.0840, 3.2589

Background



This preview shows how black text looks on a background with the YUV color 166.2840, -4.0840, 3.2589.



This preview shows how white text looks on a background with the YUV color 166.2840, -4.0840,

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

166.2840, -4.0840, 3.2589

Protanopia

166.5830, -4.2314, 3.8737

Deuteranopia

167.9480, -4.4114, 14.9546



Tritanopia

167.4720, 4.2043, 4.8481

Trichromacy



Original Color

166.2840, -4.0840, 3.2589

Protanomaly

166.5830, -4.2314, 3.8737

Deuteranomaly

167.6270, -4.2531, 10.8511

Tritanomaly

166.9620, 1.0047, 4.4183

Monochromacy



Original Color

166.2840, -4.0840, 3.2589

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2840, -4.0840, 3.2589 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(170, 166, 158)` looks like.

```
.text, #text, p{  
    color:rgb(170, 166, 158)  
}
```

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(170, 166, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 166, 158) }
```

Border

The CSS property to change the border of an element to YUV 166.2840, -4.0840, 3.2589 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(170, 166, 158) }
```


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

```
.border{ border-color:rgb(170, 166, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 166, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 166, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 166, 158);  
box-shadow:4px 4px 4px 4px rgb(170, 166,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 166.2840, -4.0840, 3.2589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 166, 158) }
```

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

```
.background{ background-color: rgb(170,  
166, 158) }
```

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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