

Converting Colors

YUV(166.4070, 2.7573, 2.2741)

Have a look what the booklet for
YUV(166.4070, 2.7573, 2.2741)
contains.

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Color

**YUV(166.4070, 2.7573,
2.2741)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A4AC
RGB	169, 164, 172
RGB Percent	66%, 64%, 67%
CMY	0.3373, 0.3569, 0.3255
CMYK	0.02, 0.05, 0.00, 0.33
HSL	277°, 5%, 66%
HSV	277°, 5%, 67%
XYZ	37.0840, 37.9645, 44.4031
YIQ	166.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

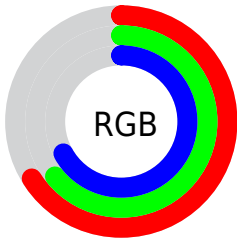
Format	Color
RYB	169, 164, 172
Decimal	11117740
CIELab	67.99, 3.31, -3.50
CIELCh	68, 4.817, 313.471
Yxy	37.9645, 0.3105, 0.3178
Android (android.graphics.Color)	4289307820 (0xFFA9A4AC)
YUV	166.4070, 2.7573, 2.2741
Hunter-Lab	61.6153, -0.3941, 0.4034

Details

The YUV color **166.4070, 2.7573, 2.2741** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169.5930, -2.7573, -2.2741**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4070, 2.7573, 2.2741**, and **114.4070, 2.7573, 2.2741** is the 20% darker color. If you saturate the color by 10%, you get **154.6340, 8.5614, 7.3370**, and if you desaturate by 10%, it is **178.1800, -3.0467, -2.7889**.

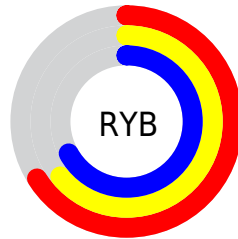
Distribution



Red (66%)

Green (64%)

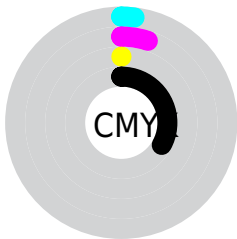
Blue (67%)



Red (66%)

Yellow (64%)

Blue (67%)

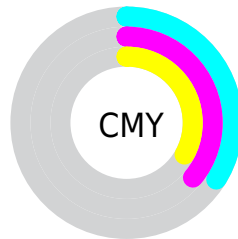


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4070, 2.7573, 2.2741 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 166.4070, 2.7573, 2.2741 by changing the saturation by 10% instead.


 166.4070, 2.7573,
2.2741


 166.4070, 2.7573,
2.2741


255.0000, 0.0000,
0.0000


 140.2930, 2.3206,
2.3740


 221.4070, 2.7573,
2.2741


 114.4070, 2.7573,
2.2741

 249.7060, 2.6099,
2.8888

 89.9940, 2.4680,
1.7593

 66.8800, 2.0312,
1.8592

 44.8800, 2.0312,
1.8592

 23.8800, 2.0312,
1.8592

 0.0000, 0.0000,

0.0000

■ 166.4070, 2.7573,
2.2741

■ 166.4070, 2.7573,
2.2741

■ 154.6340, 8.5614,
7.3370

■ 178.1800, -3.0467,
-2.7889

■ 142.5620, 14.5129,
11.7851

■ 190.2520, -8.9982,
-7.2370

■ 130.2020, 20.6064,
17.3628

■ 202.6120,
-15.0917, -12.8147

■ 118.1300, 26.5579,
21.8110

■ 214.6840,
-21.0432, -17.2629

■ 106.3570, 32.3620,
26.8739

■ 226.4570,
-26.8473, -22.3258

■ 94.2850, 38.3135,
31.3221

■ 231.4850,
-29.3261, -20.5963

■ 82.5120, 44.1176,
36.3850

■ 233.2790,
-30.2105, -16.9077

■ 69.8530, 50.3585,
41.3479

■ 235.3720,
-31.2424, -12.6042

■ 58.0800, 56.1626,
46.4108

■ 237.1660,
-32.1268, -8.9156

Harmonies

Analogous

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



165.7270, 4.0786, -1.5146



166.4070, 2.7573, 2.2741



166.5600, 0.7099, 5.6479

Triad

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



166.4070, 2.7573, 2.2741



166.1810, -4.5262, 5.1033



164.1130, 1.9163, -7.9921

Complementary

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



166.4070, 2.7573, 2.2741



169.5930, -2.7573, -2.2741

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.



164.4400, -0.7099, -5.6479



166.4070, 2.7573, 2.2741



165.2730, -4.0786, 1.5146

Square

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



166.4070, 2.7573, 2.2741



166.2460, -3.0793, 7.6773



164.5930, -2.7573, -2.2741



164.7540, 3.0793, -7.6773

Rectangle

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



166.4070, 2.7573, 2.2741



166.8160, -0.8953, 7.1774



164.5930, -2.7573, -2.2741



164.1840, 0.8953, -7.1774

Sweetspot

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



166.4070, 2.7573, 2.2741



222.8260, 0.5788, 1.0296



166.6730, 2.6262, -2.3442



111.4130, 0.2894, 0.5148



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.



166.4070, 2.7573, 2.2741



214.8740, 4.4991, 3.6185



167.1900, 1.8783, 4.2184



82.5810, 2.1786, 1.2445



45.2060, 51.6634, 42.7923



6.8080, 7.9827, 6.3074

Inverse Universe

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



166.7340, 0.1311, 4.6183



215.4570, 0.2677, 7.4922



168.8100, -1.8783, -4.2184



83.0220, -0.0108, 3.4887



51.2340, 2.3496, 86.6178



7.9030, 0.5408, 13.2401

Previews

White Background



This preview shows how the YUV color 166.4070, 2.7573, 2.2741 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 166.4070, 2.7573, 2.2741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

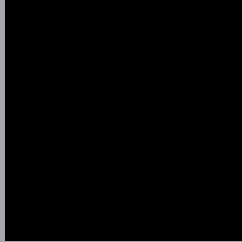
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.4070, 2.7573, 2.2741

Background



This preview shows how black text looks on a background with the YUV color 166.4070, 2.7573, 2.2741.



This preview shows how white text looks on a background with the YUV color 166.4070, 2.7573,

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

166.4070, 2.7573, 2.2741

Protanopia

166.3960, 2.7628, 0.5297

Deuteranopia

167.7500, 2.5882, 9.8663



Tritanopia

166.5750, 4.6465, 3.0037

Trichromacy



Original Color

166.4070, 2.7573, 2.2741

Protanomaly

166.6950, 2.6154, 1.1445

Deuteranomaly

167.1410, 2.8885, 6.8923

Tritanomaly

166.4610, 4.2097, 3.1037

Monochromacy



Original Color

166.4070, 2.7573, 2.2741

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4070, 2.7573, 2.2741 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(169, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 172)  
}
```

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(169, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 172) }
```

Border

The CSS property to change the border of an element to YUV 166.4070, 2.7573, 2.2741 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(169, 164, 172) }
```


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

```
.border{ border-color:rgb(169, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 166.4070, 2.7573, 2.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 172) }
```

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

```
.background{ background-color: rgb(169,  
164, 172) }
```

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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