

Converting Colors

YUV(166.1560, 6.8251, 4.2482)

Have a look what the booklet for
YUV(166.1560, 6.8251, 4.2482)
contains.

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Color

**YUV(166.1560, 6.8251,
4.2482)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA1B4
RGB	171, 161, 180
RGB Percent	67%, 63%, 71%
CMY	0.3294, 0.3686, 0.2941
CMYK	0.05, 0.11, 0.00, 0.29
HSL	272°, 11%, 67%
HSV	272°, 11%, 71%
XYZ	37.7777, 37.4430, 48.4161
YIQ	166.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

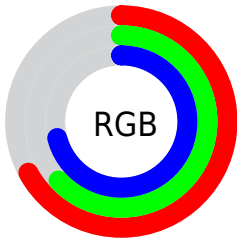
Format	Color
R_{YB}	171, 161, 180
Decimal	11248052
CIE _{Lab}	67.61, 7.24, -8.50
CIE _{LCh}	68, 11.169, 310.430
Yxy	37.4430, 0.3056, 0.3028
Android (android.graphics.Color)	4289438132 (0xFFABA1B4)
YUV	166.1560, 6.8251, 4.2482
Hunter-Lab	61.1906, 3.1181, -4.0788

Details

The YUV color $166.1560, 6.8251, 4.2482$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $174.8440, -6.8251, -4.2482$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.2700, 7.2619, 4.1482$, and $114.0420, 6.3883, 4.3482$ is the 20% darker color. If you saturate the color by 10%, you get $152.8990, 13.3608, 7.9816$, and if you desaturate by 10%, it is $179.4130, 0.2894, 0.5148$.

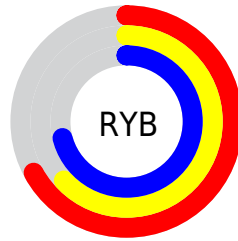
Distribution



Red (67%)

Green (63%)

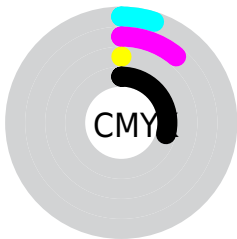
Blue (71%)



Red (67%)

Yellow (63%)

Blue (71%)

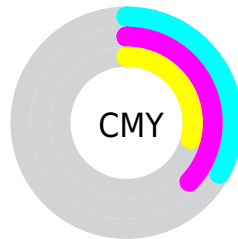


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (29%)



Cyan (33%)


Magenta (37%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1560, 6.8251, 4.2482 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 166.1560, 6.8251, 4.2482 by changing the saturation by 10% instead.


 166.1560, 6.8251,
4.2482

 166.1560, 6.8251,
4.2482

255.0000, 0.0000,
0.0000


 139.7430, 6.5357,
3.7334


 221.2700, 7.2619,
4.1482


 114.0420, 6.3883,
4.3482

 248.5430, 3.1833,
5.6628

 89.6290, 6.0989,
3.8334

 66.2160, 5.8095,
3.3186

 44.1020, 5.3727,
3.4185

 23.6890, 5.0833,
2.9037

 1.2540, 4.8048,

-1.0998

0.0000, 0.0000,
0.0000

166.1560, 6.8251,
4.2482

166.1560, 6.8251,
4.2482

152.8990, 13.3608,
7.9816

179.4130, 0.2894,
0.5148

139.9410, 19.7491,
12.3297

192.3710, -6.0989,
-3.8334

126.6840, 26.2848,
16.0631

205.6280,
-12.6346, -7.5668

113.7260, 32.6731,
20.4113

218.5860,
-19.0229, -11.9149

100.4690, 39.2088,
24.1447

231.8430,
-25.5586, -15.6483

■ 87.5110, 45.5971,
28.4929

■ 236.5830,
-27.8954, -12.7893

■ 74.2540, 52.1328,
32.2262

■ 239.2740,
-29.2221, -7.2563

■ 61.2960, 58.5211,
36.5744

■ 241.6660,
-30.4013, -2.3381

■ 48.9250, 64.6200,
40.4078

■ 244.3570,
-31.7280, 3.1949

Harmonies

Analogous

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



164.4860, 9.6204, -5.6882



166.1560, 6.8251, 4.2482



167.0600, 2.4354, 12.2254

Triad

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



166.1560, 6.8251, 4.2482



165.2590, -9.4947, 12.0509



161.3890, 3.2592, -18.7582

Complementary

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



166.1560, 6.8251, 4.2482



174.8440, -6.8251, -4.2482

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.



161.7550, -1.8512, -12.9401



166.1560, 6.8251, 4.2482



163.9160, -9.3256, 4.4587

Square

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



166.1560, 6.8251, 4.2482



165.9760, -6.8902, 16.6840



162.8440, -6.8251, -4.2482



161.8280, 7.4798, -19.1432

Rectangle

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



166.1560, 6.8251, 4.2482



166.8710, -0.9224, 15.8991



162.8440, -6.8251, -4.2482



161.5310, 1.2172, -17.1287

Sweetspot

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



166.1560, 6.8251, 4.2482



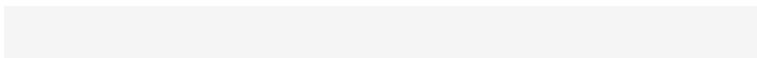
229.6950, 2.6154, 1.1445



168.4490, 5.6946, -6.5328



114.0540, 1.4524, 0.8296



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



166.1560, 6.8251, 4.2482



212.3180, 11.1822, 6.7371



168.8470, 5.4984, 9.7812



82.5210, 3.1941, 2.1741



41.6610, 54.8901, 34.5003



6.8510, 9.4405, 5.3927

Inverse Universe

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



167.7070, 1.1304, 10.7810



214.9790, 1.9824, 17.5584



172.1530, -5.4984, -9.7812



83.2610, 0.8573, 5.0331



53.9550, 8.8962, 86.8625



9.1420, 1.4090, 14.7845

Previews

White Background



This preview shows how the YUV color 166.1560, 6.8251, 4.2482 looks on a white background.

Color Contrast Check

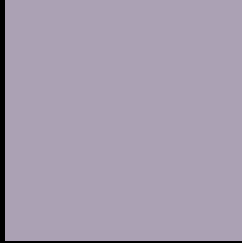
Large Text (above 18pt) WCAG AA × Fail

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 166.1560, 6.8251, 4.2482 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 166.1560, 6.8251, 4.2482

Background



This preview shows how black text looks on a background with the YUV color 166.1560, 6.8251, 4.2482.



This preview shows how white text looks on a background with the YUV color 166.1560, 6.8251,

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

166.1560, 6.8251, 4.2482

Protanopia

165.7530, 8.0098, -2.4144

Deuteranopia

166.4660, 6.6723, 6.6073



Tritanopia

165.8740, 4.4991, 3.6185

Trichromacy



Original Color

166.1560, 6.8251, 4.2482

Protanomaly

165.9490, 7.4201, 0.0447

Deuteranomaly

166.1670, 6.8197, 5.9925

Tritanomaly

166.1020, 5.3727, 3.4185

Monochromacy



Original Color

166.1560, 6.8251, 4.2482

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9940, 2.4680, 1.7593

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1560, 6.8251, 4.2482 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(171, 161, 180)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 180)  
}
```

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(171, 161, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 180) }
```

Border

The CSS property to change the border of an element to YUV 166.1560, 6.8251, 4.2482 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(171, 161, 180) }
```


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

```
.border{ border-color:rgb(171, 161, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 161, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 161, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 161, 180);  
box-shadow:4px 4px 4px 4px rgb(171, 161,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 166.1560, 6.8251, 4.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 180) }
```

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

```
.background{ background-color: rgb(171,  
161, 180) }
```

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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