

Converting Colors

YUV(166.0670, 11.7990,
-4.4438)

Have a look what the booklet for
YUV(166.0670, 11.7990, -4.4438)
contains.

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Color

**YUV(166.0670, 11.7990,
-4.4438)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A4BE
RGB	161, 164, 190
RGB Percent	63%, 64%, 75%
CMY	0.3686, 0.3569, 0.2549
CMYK	0.15, 0.14, 0.00, 0.25
HSL	234°, 18%, 69%
HSV	234°, 15%, 75%
XYZ	37.2677, 37.8457, 54.0559
YIQ	166.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

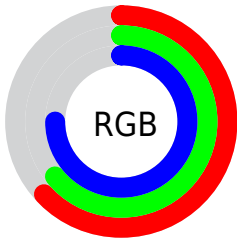
Format	Color
R_{YB}	161, 164, 190
Decimal	10593470
CIE _{Lab}	67.91, 4.29, -13.70
CIE _{LCh}	68, 14.355, 287.405
Yxy	37.8457, 0.2885, 0.2930
Android (android.graphics.Color)	4288783550 (0xFFA1A4BE)
YUV	166.0670, 11.7990, -4.4438
Hunter-Lab	61.5189, 0.4760, -9.0343

Details

The YUV color $166.0670, 11.7990, -4.4438$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $184.9330, -11.7990, 4.4438$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.1810, 12.2358, -4.5437$, and $113.9530, 11.3622, -4.3438$ is the 20% darker color. If you saturate the color by 10%, you get $150.4070, 19.5193, -7.3729$, and if you desaturate by 10%, it is $181.7270, 4.0786, -1.5146$.

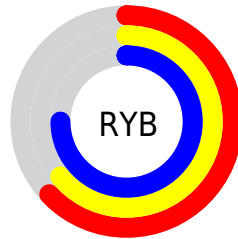
Distribution



Red (63%)

Green (64%)

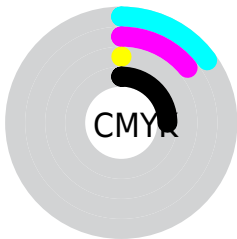
Blue (75%)



Red (63%)

Yellow (64%)

Blue (75%)

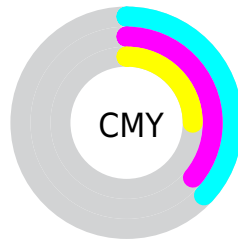


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (37%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.0670, 11.7990, -4.4438 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 166.0670, 11.7990, -4.4438 by changing the saturation by 10% instead.

■ 166.0670, 11.7990,
-4.4438

■ 166.0670, 11.7990,
-4.4438

255.0000, 0.0000,
0.0000

■ 139.9530, 11.3622,
-4.3438

■ 221.1810, 12.2358,
-4.5437

■ 113.9530, 11.3622,
-4.3438

■ 247.0150, 3.9366,
-2.6442

■ 89.7250, 10.4886,
-4.1438

■ 66.3120, 10.1992,
-4.6586

■ 44.0840, 9.3256,
-4.4587

■ 22.6710, 9.0362,
-4.9735

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 166.0670, 11.7990,
-4.4438

■ 166.0670, 11.7990,
-4.4438

■ 150.4070, 19.5193,
-7.3729

■ 181.7270, 4.0786,
-1.5146

■ 134.7470, 27.2397,
-10.3021

■ 197.3870, -3.6418,
1.4146

■ 119.0870, 34.9601,
-13.2313

■ 213.0470,
-11.3622, 4.3438

■ 103.4270, 42.6805,
-16.1605

■ 228.7070,
-19.0826, 7.2730

■ 87.7670, 50.4009,
-19.0897

■ 244.0680,
-26.6555, 9.5874

■ 72.1070, 58.1212,
-22.0188

■ 247.5900,
-28.3919, 6.4986

■ 56.4470, 65.8416,
-24.9480

■ 40.7870, 73.5620,
-27.8772

■ 33.4000, 77.2038,
-29.2918

Harmonies

Analogous

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



163.6310, 12.9999, -16.3394



166.0670, 11.7990, -4.4438



167.7050, 7.5404, 8.1517

Triad

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



166.0670, 11.7990, -4.4438



166.9010, -9.8112, 20.2578



161.5370, -1.2507, -18.8879

Complementary

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



166.0670, 11.7990, -4.4438



184.9330, -11.7990, 4.4438

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.



162.9960, -7.3930, -8.7665



166.0670, 11.7990, -4.4438



165.7600, -12.6997, 13.3655

Square

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



166.0670, 11.7990, -4.4438



167.8780, -4.8699, 22.0320



164.3350, -11.5042, 3.2142



160.7410, 6.0437, -25.2059

Rectangle

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



166.0670, 11.7990, -4.4438



168.1250, 3.8824, 14.7994



164.3350, -11.5042, 3.2142



161.6900, -3.2982, -15.5141

Sweetspot

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



166.0670, 11.7990, -4.4438



236.9550, 4.9522, -1.7145



180.9870, 2.9644, -17.5286



118.4990, 3.2050, -1.3146



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



166.0670, 11.7990, -4.4438



210.3640, 18.0615, -6.4582



167.5950, 11.0457, 3.8632



86.6130, 3.6418, -1.4146



27.4040, 64.3838, -24.0333



5.2950, 12.6726, -4.6437

Inverse Universe

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



170.0130, -2.9644, 17.5286



216.6120, -4.7387, 26.6503



183.4050, -11.0457, -3.8632



87.8050, -0.8899, 5.4330



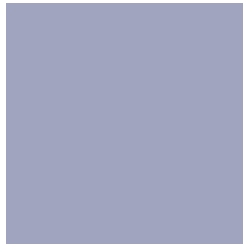
49.0660, -16.3015, 95.5351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 166.0670, 11.7990, -4.4438 looks on a white background.

Color Contrast Check

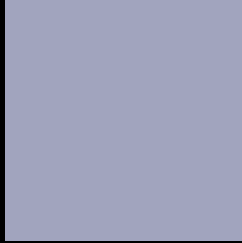
Large Text (above 18pt) WCAG AA × Fail

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 166.0670, 11.7990, -4.4438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

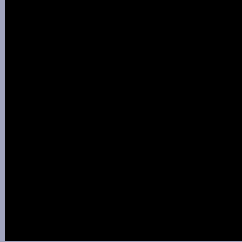
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.0670, 11.7990, -4.4438

Background



This preview shows how black text looks on a background with the YUV color 166.0670, 11.7990, -4.4438.



This preview shows how white text looks on a background with the YUV color 166.0670, 11.7990, -4.4438.

-4.4438.

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

166.0670, 11.7990, -4.4438

Protanopia

166.0670, 11.7990, -4.4438

Deuteranopia

166.8120, 11.9247, 1.9189



Tritanopia

165.3890, 6.7102, -5.6032

Trichromacy



Original Color

166.0670, 11.7990, -4.4438

Protanomaly

166.0670, 11.7990, -4.4438

Deuteranomaly

166.5020, 12.0775, -0.4403

Tritanomaly

165.5570, 8.5994, -4.8735

Monochromacy



Original Color

166.0670, 11.7990, -4.4438

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8410, 4.5154, -1.6146

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0670, 11.7990, -4.4438 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(161, 164, 190)` looks like.

```
.text, #text, p{  
    color:rgb(161, 164, 190)  
}
```

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(161, 164, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 164, 190) }
```

Border

The CSS property to change the border of an element to YUV 166.0670, 11.7990, -4.4438 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(161, 164, 190) }
```


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

```
.border{ border-color:rgb(161, 164, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 164, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 164, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 164, 190);  
box-shadow:4px 4px 4px 4px rgb(161, 164,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 166.0670, 11.7990, -4.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 164, 190) }
```

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

```
.background{ background-color: rgb(161,  
164, 190) }
```

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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