

Converting Colors

YUV(166.8050, 15.8721,
-4.2140)

Have a look what the booklet for
YUV(166.8050, 15.8721, -4.2140)
contains.

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Color

**YUV(166.8050, 15.8721,
-4.2140)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A3C7
RGB	162, 163, 199
RGB Percent	64%, 64%, 78%
CMY	0.3647, 0.3608, 0.2196
CMYK	0.19, 0.18, 0.00, 0.22
HSL	238°, 25%, 71%
HSV	238°, 19%, 78%
XYZ	38.3063, 37.9993, 59.3485
YIQ	166.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

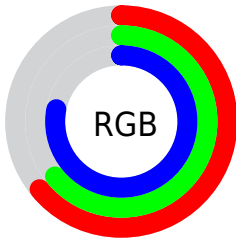
Format	Color
R _Y B	162, 163, 199
Decimal	10658759
CIE Lab	68.02, 7.17, -18.51
CIE LCh	68, 19.852, 291.184
Yxy	37.9993, 0.2824, 0.2801
Android (android.graphics.Color)	4288848839 (0xFFA2A3C7)
YUV	166.8050, 15.8721, -4.2140
Hunter-Lab	61.6436, 3.0465, -13.9320

Details

The YUV color $166.8050, 15.8721, -4.2140$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $194.1950, -15.8721, 4.2140$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $221.9190, 16.3089, -4.3140$, and $114.5770, 14.9985, -4.0140$ is the 20% darker color. If you saturate the color by 10%, you get $149.6720, 24.3187, -6.7283$, and if you desaturate by 10%, it is $183.9380, 7.4256, -1.6996$.

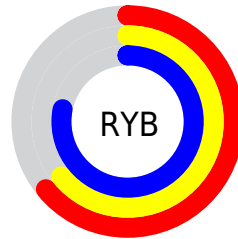
Distribution



Red (64%)

Green (64%)

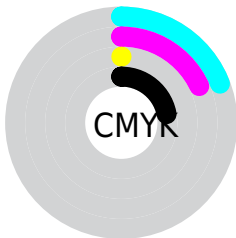
Blue (78%)



Red (64%)

Yellow (64%)

Blue (78%)

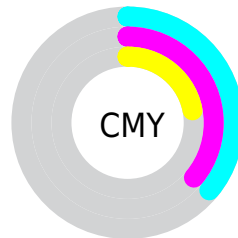


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.8050, 15.8721, -4.2140 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 166.8050, 15.8721, -4.2140 by changing the saturation by 10% instead.

■ 166.8050, 15.8721,
-4.2140

■ 166.8050, 15.8721,
-4.2140

255.0000, 0.0000,
0.0000

■ 140.6910, 15.4353,
-4.1140

■ 221.9190, 16.3089,
-4.3140

■ 114.5770, 14.9985,
-4.0140

■ 247.0260, 3.9312,
-0.8998

■ 90.0500, 14.2724,
-4.4288

■ 66.5230, 13.5462,
-4.8437

■ 44.1100, 13.2568,
-5.3585

■ 23.1700, 12.2412,
-6.2881

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 166.8050, 15.8721,
-4.2140

■ 166.8050, 15.8721,
-4.2140

■ 149.6720, 24.3187,
-6.7283

■ 183.9380, 7.4256,
-1.6996

■ 131.9520, 33.0547,
-8.7279

■ 201.6580, -1.3104,
0.2999

■ 114.8190, 41.5012,
-11.2423

■ 218.7910, -9.7570,
2.8143

■ 97.6860, 49.9478,
-13.7566

■ 235.9240,
-18.2035, 5.3287

■ 79.9660, 58.6838,
-15.7562

■ 248.6160,
-24.4607, 5.5988

■ 63.1320, 66.9829,
-17.6558

■ 45.4120, 75.7189,
-19.6553

■ 28.2790, 84.1655,
-22.1697

■ 25.6210, 85.4758,
-22.4696

Harmonies

Analogous

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



163.3790, 18.5472, -22.2574



166.8050, 15.8721, -4.2140



168.6070, 9.5607, 13.4997

Triad

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



166.8050, 15.8721, -4.2140



167.2070, -13.9061, 27.0055



159.5250, 0.2342, -28.5244

Complementary

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



166.8050, 15.8721, -4.2140



194.1950, -15.8721, 4.2140

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.



161.2080, -8.9765, -14.2144



166.8050, 15.8721, -4.2140



165.9300, -17.2205, 16.7244

Square

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



166.8050, 15.8721, -4.2140



168.6510, -7.2229, 30.1241



163.8850, -15.7193, 1.8549



158.5870, 9.5706, -36.4718

Rectangle

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



166.8050, 15.8721, -4.2140



168.9950, 4.4395, 22.8064



163.8850, -15.7193, 1.8549



160.0480, -2.9817, -23.7211

Sweetspot

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



166.8050, 15.8721, -4.2140



241.7100, 6.5520, -1.4997



187.8230, 5.0173, -22.6468



120.0260, 3.9312, -0.8998



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



166.8050, 15.8721, -4.2140



205.9710, 24.1713, -6.1136



171.3010, 13.6556, 6.7520



91.0260, 3.9312, -0.8998



20.9300, 70.0405, -18.3556



4.6910, 15.4353, -4.1140

Inverse Universe

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



173.1770, -5.0173, 22.6468



215.8580, -7.8180, 34.3275



189.6990, -13.6556, -6.7520



92.6910, -1.3267, 5.5330



49.1930, -22.2801, 99.8087



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 166.8050, 15.8721, -4.2140 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 166.8050, 15.8721, -4.2140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

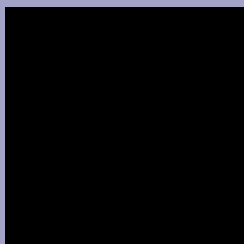
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.8050, 15.8721, -4.2140

Background



This preview shows how black text looks on a background with the YUV color 166.8050, 15.8721, -4.2140.



This preview shows how white text looks on a background with the YUV color 166.8050, 15.8721, -4.2140.

-4.2140.

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

166.8050, 15.8721, -4.2140

Protanopia

166.3100, 16.6092, -7.2879

Deuteranopia

167.1150, 15.7193, -1.8549



Tritanopia

165.2040, 7.2944, -6.3179

Trichromacy



Original Color

166.8050, 15.8721, -4.2140

Protanomaly

166.6090, 16.4618, -6.6731

Deuteranomaly

166.8160, 15.8667, -2.4696

Tritanomaly

165.7140, 10.4940, -5.8882

Monochromacy



Original Color

166.8050, 15.8721, -4.2140

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.8050, 15.8721, -4.2140 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(162, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(162, 163, 199)  
}
```

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(162, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 163, 199) }
```

Border

The CSS property to change the border of an element to YUV 166.8050, 15.8721, -4.2140 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(162, 163, 199) }
```


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

```
.border{ border-color:rgb(162, 163, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 163, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(162, 163,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 166.8050, 15.8721, -4.2140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 163, 199) }
```

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

```
.background{ background-color: rgb(162,  
163, 199) }
```

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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