

Converting Colors

YUV(167.6200, 16.4563,
-4.9287)

Have a look what the booklet for
YUV(167.6200, 16.4563, -4.9287)
contains.

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Color

**YUV(167.6200, 16.4563,
-4.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	A2A4C9
RGB	162, 164, 201
RGB Percent	64%, 64%, 79%
CMY	0.3647, 0.3569, 0.2118
CMYK	0.19, 0.18, 0.00, 0.21
HSL	237°, 27%, 71%
HSV	237°, 19%, 79%
XYZ	38.7184, 38.4493, 60.6391
YIQ	167.6200, -13.0690, 11.0830

Conversions

Conversions Part 2

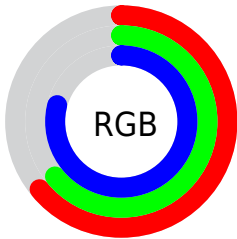
Format	Color
RYB	162, 164, 201
Decimal	10659017
CIELab	68.35, 7.07, -19.12
CIElCh	68, 20.382, 290.294
Yxy	38.4493, 0.2810, 0.2790
Android (android.graphics.Color)	4288849097 (0xFFA2A4C9)
YUV	167.6200, 16.4563, -4.9287
Hunter-Lab	62.0075, 2.9447, -14.5763

Details

The YUV color $167.6200, 16.4563, -4.9287$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $195.3800, -16.4563, 4.9287$, and the grayscale version is $167.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.5060, 16.0195, -4.8288$, and $115.3920, 15.5827, -4.7288$ is the 20% darker color. If you saturate the color by 10%, you get $150.4870, 24.9029, -7.4431$, and if you desaturate by 10%, it is $184.7530, 8.0098, -2.4144$.

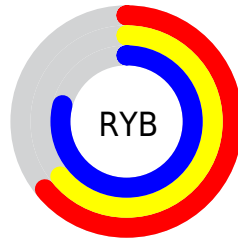
Distribution



Red (64%)

Green (64%)

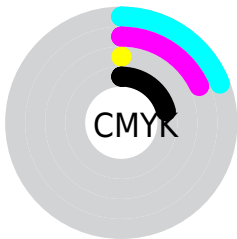
Blue (79%)



Red (64%)

Yellow (64%)

Blue (79%)

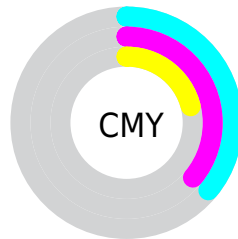


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (21%)



Cyan (36%)

Magenta (36%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6200, 16.4563, -4.9287 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 167.6200, 16.4563, -4.9287 by changing the saturation by 10% instead.

■ 167.6200, 16.4563,
-4.9287

■ 167.6200, 16.4563,
-4.9287

255.0000, 0.0000,
0.0000

■ 141.2070, 16.1669,
-5.4435

■ 222.5060, 16.0195,
-4.8288

■ 115.3920, 15.5827,
-4.7288

■ 247.6130, 3.6418,
-1.4146

■ 90.8650, 14.8566,
-5.1436

■ 67.3380, 14.1304,
-5.5584

■ 44.8110, 13.4042,
-5.9732

■ 23.0990, 13.2622,
-7.1028

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 167.6200, 16.4563,
-4.9287

■ 167.6200, 16.4563,
-4.9287

■ 150.4870, 24.9029,
-7.4431

■ 184.7530, 8.0098,
-2.4144

■ 133.3540, 33.3495,
-9.9575

■ 201.8860, -0.4368,
0.1000

■ 116.2210, 41.7960,
-12.4718

■ 219.0190, -8.8834,
2.6143

■ 99.0880, 50.2426,
-14.9862

■ 236.1520,
-17.3299, 5.1287

■ 81.9550, 58.6892,
-17.5005

■ 248.8440,
-23.5871, 5.3988

■ 64.5230, 67.2832,
-20.6297

■ 47.3900, 75.7297,
-23.1440

■ 29.6700, 84.4657,
-25.1436

■ 28.7840, 84.9025,
-25.2436

Harmonies

Analogous

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



164.0800, 18.6946, -22.8722



167.6200, 16.4563, -4.9287



169.7210, 9.9975, 13.3997

Triad

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



167.6200, 16.4563, -4.9287



168.3920, -14.4903, 27.7202



160.1120, -0.0552, -29.0392

Complementary

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



167.6200, 16.4563, -4.9287



195.3800, -16.4563, 4.9287

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.



162.0940, -9.4133, -14.1144



167.6200, 16.4563, -4.9287



166.2290, -17.3679, 17.3392

Square

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



167.6200, 16.4563, -4.9287



169.3630, -7.0810, 31.2536



164.1840, -15.8667, 2.4696



158.9890, 9.8654, -37.7014

Rectangle

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



167.6200, 16.4563, -4.9287



169.9950, 4.4395, 22.8064



164.1840, -15.8667, 2.4696



160.6350, -3.2711, -24.2359

Sweetspot

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



167.6200, 16.4563, -4.9287



241.7100, 6.5520, -1.4997



188.9970, 4.4385, -23.6764



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.



167.6200, 16.4563, -4.9287



204.4870, 24.9029, -7.4431



171.5290, 14.5292, 6.5521



91.0260, 3.9312, -0.8998



23.2780, 68.8829, -20.4148



5.2780, 15.1459, -4.6288

Inverse Universe

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



173.8890, -4.8753, 23.7763



213.9830, -7.3866, 35.9719



191.4710, -14.5292, -6.5521



92.6910, -1.3267, 5.5330



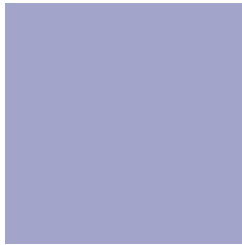
49.6490, -20.5330, 99.4088



10.9920, -4.4331, 21.9320

Previews

White Background



This preview shows how the YUV color 167.6200, 16.4563, -4.9287 looks on a white background.

Color Contrast Check

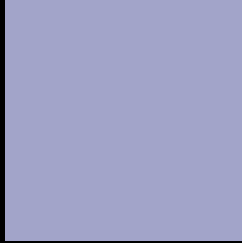
Large Text (above 18pt) WCAG AA × Fail

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 167.6200, 16.4563, -4.9287 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 167.6200, 16.4563, -4.9287

Background



This preview shows how black text looks on a background with the YUV color 167.6200, 16.4563, -4.9287.



This preview shows how white text looks on a background with the YUV color 167.6200, 16.4563, -4.9287.

-4.9287.

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

167.6200, 16.4563, -4.9287

Protanopia

167.1250, 17.1934, -8.0026

Deuteranopia

167.9300, 16.3035, -2.5696



Tritanopia

166.4920, 7.1524, -7.4475

Trichromacy



Original Color

167.6200, 16.4563, -4.9287

Protanomaly

167.4240, 17.0460, -7.3878

Deuteranomaly

167.6310, 16.4509, -3.1844

Tritanomaly

167.0020, 10.3520, -7.0178

Monochromacy



Original Color

167.6200, 16.4563, -4.9287

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1830, 5.8258, -1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6200, 16.4563, -4.9287 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, 164, 201)` looks like.

```
.text, #text, p{  
    color:rgb(162, 164, 201)  
}
```

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, 164, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 164, 201) }
```

Border

The CSS property to change the border of an element to YUV 167.6200, 16.4563, -4.9287 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, 164, 201) }
```


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

```
.border{ border-color:rgb(162, 164, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 164, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 164, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 164, 201);  
box-shadow:4px 4px 4px 4px rgb(162, 164,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 167.6200, 16.4563, -4.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 164, 201) }
```

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

```
.background{ background-color: rgb(162,  
164, 201) }
```

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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