

# Converting Colors

YUV(168.1160, 14.2398, 6.0373)

Have a look what the booklet for  
YUV(168.1160, 14.2398, 6.0373)  
contains.

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# Color

**YUV(168.1160, 14.2398,  
6.0373)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF9FC5
RGB	175, 159, 197
RGB Percent	69%, 62%, 77%
CMY	0.3137, 0.3765, 0.2275
CMYK	0.11, 0.19, 0.00, 0.23
HSL	265°, 25%, 70%
HSV	265°, 19%, 77%
XYZ	40.1554, 37.9415, 58.0303
YIQ	168.1160, -2.6620, 15.2100

# Conversions

## Conversions Part 2

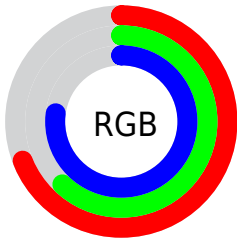
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 159, 197
Decimal	11509701
CIE <sub>Lab</sub>	67.98, 13.21, -17.37
CIE <sub>LCh</sub>	68, 21.817, 307.254
Yxy	37.9415, 0.2950, 0.2787
Android (android.graphics.Color)	4289699781 (0xFFAF9FC5)
YUV	168.1160, 14.2398, 6.0373
Hunter-Lab	61.5966, 8.5716, -12.7396

# Details

The YUV color **168.1160, 14.2398, 6.0373** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **187.8840, -14.2398, -6.0373**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6430, 14.9660, 6.4521**, and **116.1760, 13.2242, 5.1076** is the 20% darker color. If you saturate the color by 10%, you get **153.0870, 21.6491, 9.5707**, and if you desaturate by 10%, it is **183.1450, 6.8305, 2.5038**.

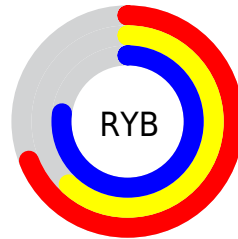
# Distribution



Red (69%)

Green (62%)

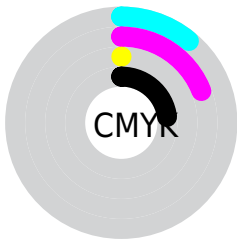
Blue (77%)



Red (69%)

Yellow (62%)

Blue (77%)

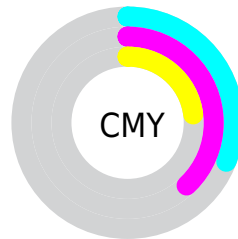


Cyan (11%)

Magenta (19%)

Yellow (0%)

Black (23%)



Cyan (31%)

Magenta (38%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 168.1160, 14.2398, 6.0373 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 168.1160, 14.2398, 6.0373 by changing the saturation by 10% instead.



■ 168.1160, 14.2398,  
6.0373

■ 168.1160, 14.2398,  
6.0373

■ 255.0000, 0.0000,  
0.0000

■ 141.7030, 13.9504,  
5.5225

■ 223.6430, 14.9660,  
6.4521

■ 116.1760, 13.2242,  
5.1076

■ 247.3690, 3.7621,  
6.6924

■ 91.0620, 12.7874,  
5.2076

■ 67.6490, 12.4980,  
4.6928

■ 45.1220, 11.7719,  
4.2780

■ 24.2960, 11.1931,  
3.2484

■ 2.9640, 11.3567,

-2.5994

■ 0.0000, 0.0000,  
0.0000

■ 168.1160, 14.2398,  
6.0373

■ 168.1160, 14.2398,  
6.0373

■ 153.0870, 21.6491,  
9.5707

■ 183.1450, 6.8305,  
2.5038

■ 138.3460, 28.9164,  
11.9746

■ 197.8860, -0.4368,  
0.1000

■ 123.3170, 36.3257,  
15.5080

■ 212.9150, -7.8461,  
-3.4335

■ 107.9890, 43.8824,  
18.4266

■ 228.2430,  
-15.4028, -6.3521

■ 93.5470, 51.0023,  
21.4453

■ 241.5110,  
-21.9439, -8.3411

■ 78.5180, 58.4116,  
24.9787

■ 244.8000,  
-23.5654, -1.5786

■ 63.1900, 65.9683,  
27.8974

■ 248.3880,  
-25.3343, 5.7987

■ 48.1610, 73.3776,  
31.4308

■ 47.2750, 73.8144,  
31.3308

# Harmonies

## Analogous

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



165.2490, 19.1042, -14.2504



168.1160, 14.2398, 6.0373



169.3370, 5.7499, 22.5065

# Triad

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



168.1160, 14.2398, 6.0373



166.1590, -17.8264, 24.4166



157.6640, 6.0816, -37.4163

# Complementary

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



168.1160, 14.2398, 6.0373



187.8840, -14.2398, -6.0373

# 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.



159.8800, -4.8708, -24.4508



168.1160, 14.2398, 6.0373



164.5440, -18.5092, 10.0469

# Square

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



168.1160, 14.2398, 6.0373



167.9950, -12.3225, 32.4534



162.2860, -13.9450, -7.2668



158.0470, 15.2598, -41.2602



# Rectangle

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



168.1160, 14.2398, 6.0373



169.0730, -0.5290, 29.7540



162.2860, -13.9450, -7.2668



158.0620, 2.4344, -34.2574

# Sweetspot

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



168.1160, 14.2398, 6.0373



243.5040, 5.6675, 2.1890



176.2460, 10.2317, -15.1247



120.9230, 3.4890, 0.9445



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.



168.1160, 14.2398, 6.0373



210.2010, 22.0859, 9.4707



173.7970, 11.4391, 17.7180



92.2220, 3.3416, 1.5593



39.2130, 61.0270, 26.1232



8.5890, 13.5136, 5.6224



# Inverse Universe

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



172.8700, 4.0081, 21.1620



217.5170, 6.1541, 32.8726



182.2030, -11.4391, -17.7180



93.2610, 0.8573, 5.0331



59.4530, 17.0317, 90.8107



13.1580, 3.8661, 20.0324



# Previews

## White Background



This preview shows how the YUV color 168.1160, 14.2398, 6.0373 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

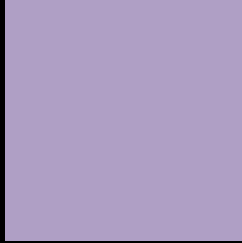
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 168.1160, 14.2398, 6.0373 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

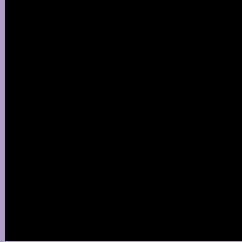
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 168.1160, 14.2398, 6.0373

## Background



This preview shows how black text looks on a background with the YUV color 168.1160, 14.2398, 6.0373.



This preview shows how white text looks on a background with the YUV color 168.1160, 14.2398, 6.0373.



# 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

168.1160, 14.2398, 6.0373

### Protanopia

166.4240, 17.0460, -7.3878

### Deuteranopia

167.3710, 14.1141, -0.3254



## Tritanopia

167.1730, 4.3517, 4.2333

# Trichromacy



## Original Color

168.1160, 14.2398, 6.0373

## Protanomaly

166.9300, 16.3035, -2.5696

## Deuteranomaly

167.6810, 13.9613, 2.0338

## Tritanomaly

167.7970, 7.9881, 4.5630

# Monochromacy



## Original Color

168.1160, 14.2398, 6.0373

## Achromatopsia

168.0000, 0.0000, 0.0000

## Achromatomaly

168.3900, 5.2307, 2.2890

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 168.1160, 14.2398, 6.0373 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(175, 159, 197)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 197)  
}
```

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(175, 159, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 197) }
```

## Border

The CSS property to change the border of an element to YUV 168.1160, 14.2398, 6.0373 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(175, 159, 197) }
```



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

```
.border{ border-color:rgb(175, 159, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 197);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
197) }
```

# Background

The CSS property to change the background color of an element to YUV 168.1160, 14.2398, 6.0373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 197) }
```

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

```
.background{ background-color: rgb(175,  
159, 197) }
```

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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