

# Converting Colors

YUV(166.2960, -2.1179,  
26.0504)

Have a look what the booklet for  
YUV(166.2960, -2.1179, 26.0504)  
contains.

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# Color

**YUV(166.2960, -2.1179,  
26.0504)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C498A2
RGB	196, 152, 162
RGB Percent	77%, 60%, 64%
CMY	0.2314, 0.4039, 0.3647
CMYK	0.00, 0.22, 0.17, 0.23
HSL	346°, 27%, 68%
HSV	346°, 22%, 77%
XYZ	40.5148, 36.8009, 39.1503
YIQ	166.2960, 23.0140, 12.4380

# Conversions

## Conversions Part 2

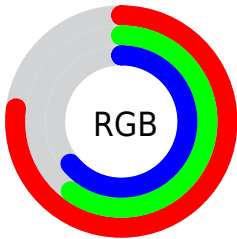
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 152, 162
Decimal	12884130
CIE Lab	67.13, 17.99, 1.10
CIE LCh	67, 18.021, 3.515
Yxy	36.8009, 0.3479, 0.3160
Android (android.graphics.Color)	4291074210 (0xFFC498A2)
YUV	166.2960, -2.1179, 26.0504
Hunter-Lab	60.6637, 13.0512, 4.2008

# Details

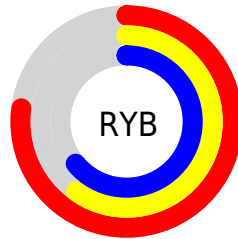
The YUV color **166.2960, -2.1179, 26.0504** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.7040, 2.1179, -26.0504**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.3070, -2.1234, 27.7948**, and **114.2850, -2.1125, 24.3061** is the 20% darker color. If you saturate the color by 10%, you get **152.8460, -2.8821, 37.8461**, and if you desaturate by 10%, it is **179.7460, -1.3538, 14.2548**.

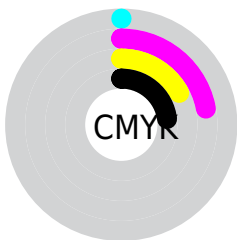
# Distribution



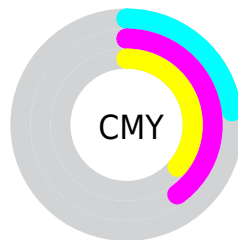
- Red (77%)
- Green (60%)
- Blue (64%)



- Red (77%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (23%)



- Cyan (23%)
- Magenta (40%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 166.2960, -2.1179, 26.0504 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 166.2960, -2.1179, 26.0504 by changing the saturation by 10% instead.



■ 166.2960, -2.1179,  
26.0504

■ 166.2960, -2.1179,  
26.0504

255.0000, 0.0000,  
0.0000

■ 139.6980, -1.8231,  
24.8209

■ 221.3070, -2.1234,  
27.7948

■ 114.2850, -2.1125,  
24.3061

■ 242.1200, 1.4198,  
11.2958

■ 89.6870, -1.8177,  
23.0765

■ 65.2030, -1.0861,  
21.7470

■ 42.6050, -0.7913,  
20.5174

■ 21.1210, -0.0597,  
19.1879

■ 4.1860, -2.0637,

8.6069

0.0000, 0.0000,  
0.0000

166.2960, -2.1179,  
26.0504

166.2960, -2.1179,  
26.0504

152.8460, -2.8821,  
37.8461

179.7460, -1.3538,  
14.2548

139.9830, -3.9356,  
49.1269

192.6090, -0.3002,  
2.9739

126.5330, -4.6998,  
60.9226

206.0590, 0.4639,  
-8.8217

113.5560, -6.1901,  
72.3034

219.0360, 1.9543,  
-20.2026

100.1060, -6.9543,  
84.0990

232.4860, 2.7184,  
-31.9982

■ 86.6560, -7.7184,  
95.8947

■ 237.1310, 7.8234,  
-36.0719

■ 73.7930, -8.7719,  
107.1755

■ 237.3590, 8.6970,  
-36.2718

■ 63.7340, -9.2359,  
115.9973

# Harmonies

## Analogous

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



166.3040, 5.7661, 17.2734



166.2960, -2.1179, 26.0504



165.3580, -9.5435, 27.7500

# Triad

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



166.2960, -2.1179, 26.0504



160.7640, -12.2087, -4.1780



159.6620, 15.9426, -26.8906

# Complementary

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



166.2960, -2.1179, 26.0504



181.7040, 2.1179, -26.0504

# 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.



157.4780, 11.5963, -32.8682



166.2960, -2.1179, 26.0504



158.5110, -5.1819, -17.9881

# Square

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



166.2960, -2.1179, 26.0504



162.6410, -15.5990, 9.9618



157.4370, 3.7286, -29.3242



162.4510, 16.0467, -13.5505



# Rectangle

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



166.2960, -2.1179, 26.0504



164.7120, -13.1690, 23.9316



157.4370, 3.7286, -29.3242



158.4120, 15.0799, -30.1793

# Sweetspot

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



166.2960, -2.1179, 26.0504



242.8380, -0.9061, 10.6661



167.1820, 14.2073, 16.5034



120.6310, -0.3111, 6.4626



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.



166.2960, -2.1179, 26.0504



208.4550, -3.1823, 40.8200



172.2000, -9.9586, 20.8726



90.2180, -0.6005, 5.9478



52.3570, -7.5710, 95.2799



10.7790, -1.3700, 19.4878



# Inverse Universe

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



166.2960, -2.1179, 26.0504



208.4550, -3.1823, 40.8200



175.8000, 9.9586, -20.8726



90.2180, -0.6005, 5.9478



52.3570, -7.5710, 95.2799



10.7790, -1.3700, 19.4878



# Previews

## White Background



This preview shows how the YUV color 166.2960, -2.1179, 26.0504 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

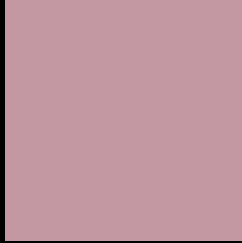
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 166.2960, -2.1179, 26.0504 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

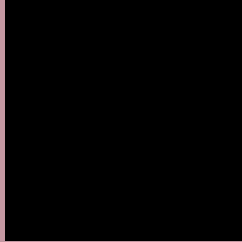
Any Text WCAG AA ✓ Pass

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 166.2960, -2.1179, 26.0504 Background



This preview shows how black text looks on a background with the YUV color 166.2960, -2.1179, 26.0504.



This preview shows how white text looks on a background with the YUV color 166.2960, -2.1179,



# 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

166.2960, -2.1179, 26.0504

### Protanopia

164.1680, 1.8892, 0.7297

### Deuteranopia

164.9200, -1.9326, 13.2252



## Tritanopia

166.4100, -1.6811, 25.9504

# Trichromacy



## Original Color

166.2960, -2.1179, 26.0504

## Protanomaly

164.8810, 0.5517, 9.7514

## Deuteranomaly

165.5400, -2.2382, 17.9434

## Tritanomaly

166.4100, -1.6811, 25.9504

# Monochromacy



## Original Color

166.2960, -2.1179, 26.0504

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

166.2400, -0.6113, 9.4365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 166.2960, -2.1179, 26.0504 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(196, 152, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 162)  
}
```

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(196, 152, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 162) }
```

## Border

The CSS property to change the border of an element to YUV 166.2960, -2.1179, 26.0504 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(196, 152, 162) }
```



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

```
.border{ border-color:rgb(196, 152, 162) }
```

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

Here you see how a box with a 4 pixel rgb(196, 152, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 152, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 152, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 152,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 166.2960, -2.1179, 26.0504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 162) }
```

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

```
.background{ background-color: rgb(196,  
152, 162) }
```

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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