

# Converting Colors

YUV(168.6610, -5.7489,  
23.9763)

Have a look what the booklet for  
YUV(168.6610, -5.7489, 23.9763)  
contains.

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# Color

**YUV(168.6610, -5.7489,  
23.9763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C49D9D
RGB	196, 157, 157
RGB Percent	77%, 62%, 62%
CMY	0.2314, 0.3843, 0.3843
CMYK	0.00, 0.20, 0.20, 0.23
HSL	0°, 25%, 69%
HSV	0°, 20%, 77%
XYZ	40.9077, 38.2840, 37.1318
YIQ	168.6610, 23.2440, 8.2680

# Conversions

## Conversions Part 2

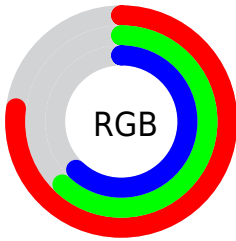
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	196, 157, 157
Decimal	12885405
CIE Lab	68.23, 14.45, 5.49
CIE LCh	68, 15.458, 20.812
Yxy	38.2840, 0.3517, 0.3291
Android (android.graphics.Color)	4291075485 (0xFFC49D9D)
YUV	168.6610, -5.7489, 23.9763
Hunter-Lab	61.8741, 9.7347, 7.7308

# Details

The YUV color  $168.6610, -5.7489, 23.9763$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $184.3390, 5.7489, -23.9763$ , and the grayscale version is  $169.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $224.2590, -6.0437, 25.2059$ , and  $116.7640, -5.3067, 22.1320$  is the 20% darker color. If you saturate the color by 10%, you get  $154.6410, -8.6970, 36.2718$ , and if you desaturate by 10%, it is  $182.6810, -2.8007, 11.6808$ .

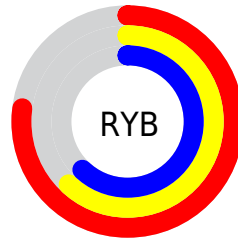
# Distribution



Red (77%)

Green (62%)

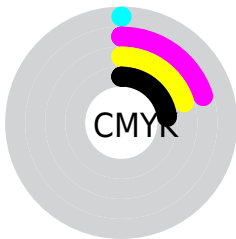
Blue (62%)



Red (77%)

Yellow (62%)

Blue (62%)

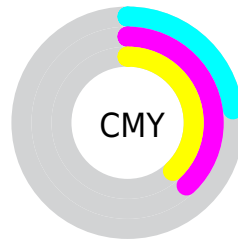


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (23%)



Cyan (23%)

Magenta (38%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 168.6610, -5.7489, 23.9763 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 168.6610, -5.7489, 23.9763 by changing the saturation by 10% instead.




 168.6610, -5.7489,  
23.9763


 168.6610, -5.7489,  
23.9763


255.0000, 0.0000,  
0.0000


 142.0630, -5.4541,  
22.7467


 224.2590, -6.0437,  
25.2059


 116.7640, -5.3067,  
22.1320

 244.4850, -2.2111,  
9.2217

 91.5790, -4.7224,  
21.4172

 67.6820, -4.2802,  
19.5729

 45.0840, -3.9854,  
18.3433

 23.4860, -3.6906,  
17.1138

 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,  
0.0000

■ 168.6610, -5.7489,  
23.9763

■ 168.6610, -5.7489,  
23.9763

■ 154.6410, -8.6970,  
36.2718

■ 182.6810, -2.8007,  
11.6808

■ 141.3220,  
-11.4977, 47.9526

■ 196.0000, 0.0000,  
0.0000

■ 127.3020,  
-14.4459, 60.2481

■ 210.0200, 2.9481,  
-12.2955

■ 113.9830,  
-17.2466, 71.9289

■ 223.3390, 5.7489,  
-23.9763

■ 99.9630, -20.1948,  
84.2244

■ 237.3590, 8.6970,  
-36.2718

■ 85.9430, -23.1429,  
96.5200

■ 72.6240, -25.9436,  
108.2008

■ 58.6040, -28.8918,  
120.4963

# Harmonies

## Analogous

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



169.0610, 0.9559, 20.1175



168.6610, -5.7489, 23.9763



167.8580, -11.2690, 21.1725

# Triad

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



168.6610, -5.7489, 23.9763



162.9850, -7.3876, -10.5108



164.8590, 13.8735, -16.5393

# Complementary

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



168.6610, -5.7489, 23.9763



184.3390, 5.7489, -23.9763

# 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.



162.6360, 12.0115, -25.9908



168.6610, -5.7489, 23.9763



161.4550, -0.2243, -21.4470

# Square

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



168.6610, -5.7489, 23.9763



164.5090, -12.0829, 2.1846



161.0720, 7.3595, -27.2501



167.1920, 12.2303, -2.7994



# Rectangle

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



168.6610, -5.7489, 23.9763



166.6680, -13.1473, 16.9542



161.0720, 7.3595, -27.2501



163.8370, 13.8844, -20.0280

# Sweetspot

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



168.6610, -5.7489, 23.9763



244.4850, -2.2111, 9.2217



173.1070, 11.2862, 20.0772



121.6910, -1.3267, 5.5330



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.



168.6610, -5.7489, 23.9763



212.2390, -8.9918, 37.5014



180.4010, -11.5367, 13.6803



89.9900, -1.4741, 6.1478



48.1390, -23.7325, 98.9791



9.8670, -4.8644, 20.2876



# Inverse Universe

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



184.3390, 5.7489, -23.9763



236.7610, 8.9918, -37.5014



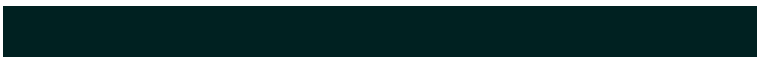
173.1860, 11.2473, -14.1951



94.0100, 1.4741, -6.1478



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876



# Previews

## White Background



This preview shows how the YUV color 168.6610, -5.7489, 23.9763 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 168.6610, -5.7489, 23.9763 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 168.6610, -5.7489, 23.9763

## Background



This preview shows how black text looks on a background with the YUV color 168.6610, -5.7489, 23.9763.



This preview shows how white text looks on a background with the YUV color 168.6610, -5.7489,

23.9763.

# 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

168.6610, -5.7489, 23.9763

### Protanopia

167.0390, -2.4842, 3.4738

### Deuteranopia

167.9050, -5.8692, 15.8693



## Tritanopia

168.9260, -0.9495, 24.6209

# Trichromacy



## Original Color

168.6610, -5.7489, 23.9763

## Protanomaly

167.7410, -3.8163, 10.7511

## Deuteranomaly

168.5140, -6.1694, 18.8432

## Tritanomaly

169.0570, -2.9861, 24.5060

# Monochromacy



## Original Color

168.6610, -5.7489, 23.9763

## Achromatopsia

169.0000, 0.0000, 0.0000

## Achromatomaly

169.1860, -2.0637, 8.6069

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 168.6610, -5.7489, 23.9763 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, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(196, 157, 157)  
}
```

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, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 157, 157) }
```

## Border

The CSS property to change the border of an element to YUV 168.6610, -5.7489, 23.9763 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, 157, 157) }
```



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

```
.border{ border-color:rgb(196, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(196, 157,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 168.6610, -5.7489, 23.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 157, 157) }
```

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

```
.background{ background-color: rgb(196,  
157, 157) }
```

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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