

# Converting Colors

YUV(172.5960, 13.0172,  
24.9103)

Have a look what the booklet for  
YUV(172.5960, 13.0172, 24.9103)  
contains.

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# Color

**YUV(172.5960, 13.0172,  
24.9103)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C999C7
RGB	201, 153, 199
RGB Percent	79%, 60%, 78%
CMY	0.2118, 0.4000, 0.2196
CMYK	0.00, 0.24, 0.01, 0.21
HSL	302°, 31%, 69%
HSV	302°, 24%, 79%
XYZ	45.7874, 39.3235, 59.2098
YIQ	172.5960, 13.8420, 24.4820

# Conversions

## Conversions Part 2

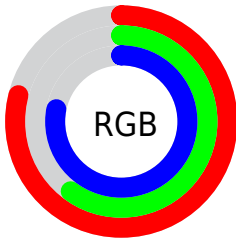
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 153, 199
Decimal	13212103
CIE <sub>Lab</sub>	68.98, 25.64, -16.72
CIE <sub>LCh</sub>	69, 30.613, 326.895
Yxy	39.3235, 0.3173, 0.2725
Android (android.graphics.Color)	4291402183 (0xFFC999C7)
YUV	172.5960, 13.0172, 24.9103
Hunter-Lab	62.7084, 20.5944, -12.0861

# Details

The YUV color **172.5960, 13.0172, 24.9103** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.4040, -13.0172, -24.9103**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 13.6014, 24.1956**, and **119.4710, 12.5858, 23.2659** is the 20% darker color. If you saturate the color by 10%, you get **160.7420, 18.3682, 35.3063**, and if you desaturate by 10%, it is **184.4500, 7.6662, 14.5144**.

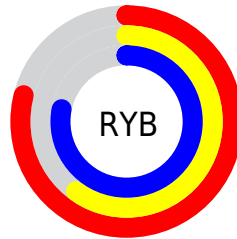
# Distribution



Red (79%)

Green (60%)

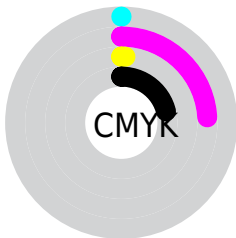
Blue (78%)



Red (79%)

Yellow (60%)

Blue (78%)

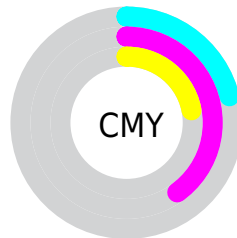


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (21%)



Cyan (21%)

Magenta (40%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 172.5960, 13.0172, 24.9103 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 172.5960, 13.0172, 24.9103 by changing the saturation by 10% instead.





 172.5960, 13.0172,  
24.9103

 172.5960, 13.0172,  
24.9103


255.0000, 0.0000,  
0.0000


 145.8840, 12.8752,  
23.7807


 227.4110, 13.6014,  
24.1956


 119.4710, 12.5858,  
23.2659

 243.8470, 5.4984,  
9.7812

 94.6450, 12.0070,  
22.2363

 70.2320, 11.7176,  
21.7215

 47.5200, 11.5756,  
20.5920

 24.2210, 11.7230,  
19.9772

 11.5640, 8.1029,

14.4144

0.0000, 0.0000,  
0.0000

172.5960, 13.0172,  
24.9103

172.5960, 13.0172,  
24.9103

160.7420, 18.3682,  
35.3063

184.4500, 7.6662,  
14.5144

148.8880, 23.7192,  
45.7022

196.3040, 2.3151,  
4.1184

137.0340, 29.0702,  
56.0982

208.1580, -3.0359,  
-6.2776

125.2940, 34.8581,  
66.3942

219.8980, -8.8237,  
-16.5735

113.4400, 40.2091,  
76.7901

232.3390,  
-14.4641, -27.4843

100.9990, 45.8495,  
87.7009

233.0400,  
-14.3167, -28.0991

89.1450, 51.2005,  
98.0968

233.1540,  
-13.8799, -28.1991

82.1010, 54.6732,  
104.2744

233.2680,  
-13.4431, -28.2990

233.3820,  
-13.0063, -28.3990

# Harmonies

## Analogous

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



170.1780, 23.5762, -1.9101



172.5960, 13.0172, 24.9103



172.2640, -0.1302, 41.8645

# Triad

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



172.5960, 13.0172, 24.9103



167.1340, -26.6881, 20.0535



152.6310, 19.4089, -65.4514

# Complementary

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



172.5960, 13.0172, 24.9103



181.4040, -13.0172, -24.9103

# 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.



155.4190, 4.2304, -50.3565



172.5960, 13.0172, 24.9103



164.0280, -22.6918, -1.7786

# Square

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



172.5960, 13.0172, 24.9103



168.9820, -22.6691, 37.7268



159.8490, -11.2646, -27.0546



156.3790, 28.4072, -58.2144



# Rectangle

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



172.5960, 13.0172, 24.9103



171.4080, -8.5821, 46.1232



159.8490, -11.2646, -27.0546



153.3880, 14.5987, -62.6073

# Sweetspot

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



172.5960, 13.0172, 24.9103



244.3200, 4.7722, 9.3664



159.0700, 20.6715, -3.5694



121.4290, 2.7465, 5.7628



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.



172.5960, 13.0172, 24.9103



211.2200, 20.1045, 38.3951



169.8600, 2.5340, 27.3098



93.7170, 2.6045, 4.6332



66.5210, 44.1131, 84.6121



14.6400, 9.5445, 18.7327



# Inverse Universe

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



172.5960, 13.0172, 24.9103



211.2200, 20.1045, 38.3951



184.1400, -2.5340, -27.3098



93.7170, 2.6045, 4.6332



66.5210, 44.1131, 84.6121



14.6400, 9.5445, 18.7327



# Previews

## White Background



This preview shows how the YUV color 172.5960, 13.0172, 24.9103 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

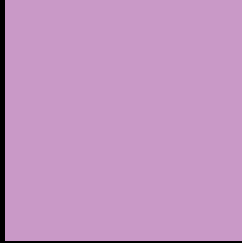
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 172.5960, 13.0172, 24.9103 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

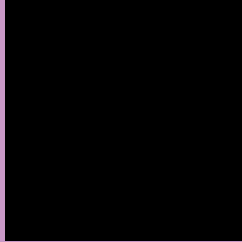
Any Text WCAG AA ✓ Pass

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 172.5960, 13.0172, 24.9103 Background



This preview shows how black text looks on a background with the YUV color 172.5960, 13.0172, 24.9103.



This preview shows how white text looks on a background with the YUV color 172.5960, 13.0172,



# 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

172.5960, 13.0172, 24.9103

### Protanopia

169.3960, 19.5248, -9.1173

### Deuteranopia

170.4420, 13.0931, 0.4894



## Tritanopia

171.0290, -0.5073, 22.7766

# Trichromacy



## Original Color

172.5960, 13.0172, 24.9103

## Protanomaly

170.4900, 17.0134, 3.0783

## Deuteranomaly

171.4970, 13.0660, 9.2111

## Tritanomaly

171.4080, 4.7289, 23.3212

# Monochromacy



## Original Color

172.5960, 13.0172, 24.9103

## Achromatopsia

173.0000, 0.0000, 0.0000

## Achromatomaly

172.9070, 4.4828, 8.8516

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.5960, 13.0172, 24.9103 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(201, 153, 199)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 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(201, 153, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 199) }
```

## Border

The CSS property to change the border of an element to YUV 172.5960, 13.0172, 24.9103 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(201, 153, 199) }
```



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

```
.border{ border-color:rgb(201, 153, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 172.5960, 13.0172, 24.9103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 199) }
```

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

```
.background{ background-color: rgb(201,  
153, 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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