

Converting Colors

YUV(168.7660, 8.4964, 28.2692)

Have a look what the booklet for
YUV(168.7660, 8.4964, 28.2692)
contains.

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Color

**YUV(168.7660, 8.4964,
28.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	C995BA
RGB	201, 149, 186
RGB Percent	79%, 58%, 73%
CMY	0.2118, 0.4157, 0.2706
CMYK	0.00, 0.26, 0.07, 0.21
HSL	317°, 32%, 69%
HSV	317°, 26%, 79%
XYZ	43.6978, 37.4576, 51.3813
YIQ	168.7660, 19.1150, 22.5310

Conversions

Conversions Part 2

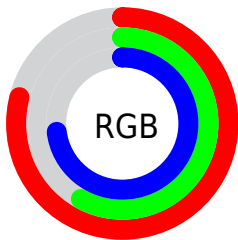
Format	Color
R _Y B	201, 149, 186
Decimal	13211066
CIE Lab	67.62, 25.48, -11.54
CIE LCh	68, 27.966, 335.635
Yxy	37.4576, 0.3297, 0.2826
Android (android.graphics.Color)	4291401146 (0xFFC995BA)
YUV	168.7660, 8.4964, 28.2692
Hunter-Lab	61.2026, 20.3419, -6.9338

Details

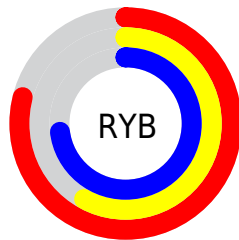
The YUV color **168.7660, 8.4964, 28.2692** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.2340, -8.4964, -28.2692**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5810, 9.0806, 27.5545**, and **116.3420, 8.2124, 26.0101** is the 20% darker color. If you saturate the color by 10%, you get **156.3420, 11.6634, 39.1651**, and if you desaturate by 10%, it is **181.1900, 5.3293, 17.3734**.

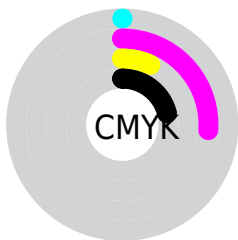
Distribution



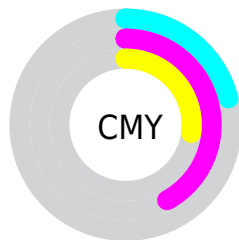
- Red (79%)
- Green (58%)
- Blue (73%)



- Red (79%)
- Yellow (58%)
- Blue (73%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (21%)




- Cyan (21%)
- Magenta (42%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7660, 8.4964, 28.2692 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 168.7660, 8.4964, 28.2692 by changing the saturation by 10% instead.


 168.7660, 8.4964,
28.2692


 168.7660, 8.4964,
28.2692

255.0000, 0.0000,
0.0000


 142.0540, 8.3544,
27.1396


 223.5810, 9.0806,
27.5545

 116.3420, 8.2124,
26.0101

 241.4990, 6.6560,
11.8404

 91.0430, 8.3598,
25.3953

 67.2170, 7.7810,
24.3657

 43.6190, 8.0758,
23.1361

 21.3200, 8.2232,
22.5214

 9.4130, 3.7404,

13.6698

■ 0.0000, 0.0000,
0.0000

■ 168.7660, 8.4964,
28.2692

■ 168.7660, 8.4964,
28.2692

■ 156.3420, 11.6634,
39.1651

■ 181.1900, 5.3293,
17.3734

■ 143.9180, 14.8304,
50.0609

■ 193.6140, 2.1623,
6.4775

■ 131.6080, 18.4343,
60.8568

■ 205.9240, -1.4415,
-4.3183

■ 119.1840, 21.6013,
71.7526

■ 218.3480, -4.6086,
-15.2142

■ 106.7600, 24.7683,
82.6485

■ 231.3590, -8.0650,
-26.6248

■ 93.7490, 28.2247,
94.0591

■ 234.9780, -6.8912,
-29.7987

■ 81.3250, 31.3918,
104.9550

■ 235.6620, -4.2704,
-30.3986

■ 76.4010, 32.8333,
109.2733

■ 236.2320, -2.0864,
-30.8985

■ 236.9160, 0.5344,
-31.4983

Harmonies

Analogous

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



167.9680, 18.7498, 6.1671



168.7660, 8.4964, 28.2692



168.0420, -3.4717, 40.3052

Triad

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



168.7660, 8.4964, 28.2692



163.0730, -24.1930, 13.0910



151.6150, 20.4028, -57.5444

Complementary

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



168.7660, 8.4964, 28.2692



181.2340, -8.4964, -28.2692

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.



152.7440, 8.0142, -50.6415



168.7660, 8.4964, 28.2692



159.8360, -18.1601, -8.6262

Square

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



168.7660, 8.4964, 28.2692



164.9380, -22.6474, 30.7494



156.3800, -6.5963, -31.0283



156.5870, 26.3326, -46.1188

Rectangle

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



168.7660, 8.4964, 28.2692



166.9900, -11.3341, 42.1048



156.3800, -6.5963, -31.0283



151.4040, 17.0558, -57.3593

Sweetspot

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



168.7660, 8.4964, 28.2692



242.5760, 3.1670, 10.8958



159.4130, 20.5024, 4.0228



119.9130, 2.0149, 7.0923



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.



168.7660, 8.4964, 28.2692



206.0050, 12.8155, 42.9686



165.8020, -2.8604, 30.8686



93.4890, 1.7309, 4.8331



61.9610, 26.6412, 88.6112



13.6140, 5.6133, 19.6325

Inverse Universe

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



168.7660, 8.4964, 28.2692



206.0050, 12.8155, 42.9686



184.1980, 2.8604, -30.8686



93.4890, 1.7309, 4.8331



61.9610, 26.6412, 88.6112



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 168.7660, 8.4964, 28.2692 looks on a white background.

Color Contrast Check

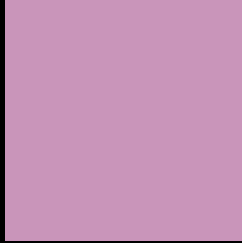
Large Text (above 18pt) WCAG AA × Fail

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 168.7660, 8.4964, 28.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

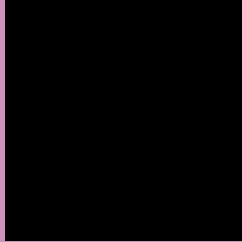
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.7660, 8.4964, 28.2692

Background



This preview shows how black text looks on a background with the YUV color 168.7660, 8.4964, 28.2692.



This preview shows how white text looks on a background with the YUV color 168.7660, 8.4964,

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

168.7660, 8.4964, 28.2692

Protanopia

166.1530, 14.7146, -6.2732

Deuteranopia

166.9110, 8.4249, 4.4631



Tritanopia

167.8230, -1.3917, 26.4652

Trichromacy



Original Color

168.7660, 8.4964, 28.2692

Protanomaly

167.2470, 12.2032, 5.9224

Deuteranomaly

167.9660, 8.3978, 13.1848

Tritanomaly

168.4470, 2.2446, 26.7950

Monochromacy



Original Color

168.7660, 8.4964, 28.2692

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1630, 2.8776, 10.3810

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7660, 8.4964, 28.2692 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, 149, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 186)  
}
```

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, 149, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 186) }
```

Border

The CSS property to change the border of an element to YUV 168.7660, 8.4964, 28.2692 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, 149, 186) }
```


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

```
.border{ border-color:rgb(201, 149, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 149, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 168.7660, 8.4964, 28.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 186) }
```

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

```
.background{ background-color: rgb(201,  
149, 186) }
```

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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