

Converting Colors

YUV(174.7830, 6.0230, 28.2543)

Have a look what the booklet for
YUV(174.7830, 6.0230, 28.2543)
contains.

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Color

**YUV(174.7830, 6.0230,
28.2543)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9CBB
RGB	207, 156, 187
RGB Percent	81%, 61%, 73%
CMY	0.1882, 0.3882, 0.2667
CMYK	0.00, 0.25, 0.10, 0.19
HSL	324°, 35%, 71%
HSV	324°, 25%, 81%
XYZ	46.5902, 40.6302, 52.4005
YIQ	174.7830, 20.4450, 20.4530

Conversions

Conversions Part 2

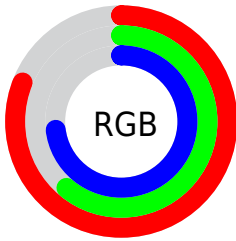
Format	Color
R _Y B	207, 156, 187
Decimal	13606075
CIE Lab	69.92, 23.91, -8.60
CIE LCh	70, 25.407, 340.215
Yxy	40.6302, 0.3337, 0.2910
Android (android.graphics.Color)	4291796155 (0xFFCF9CBB)
YUV	174.7830, 6.0230, 28.2543
Hunter-Lab	63.7418, 18.9212, -4.1216

Details

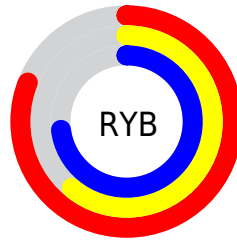
The YUV color **174.7830, 6.0230, 28.2543** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.2170, -6.0230, -28.2543**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8040, 7.4916, 23.8509**, and **121.7720, 6.0284, 26.5100** is the 20% darker color. If you saturate the color by 10%, you get **161.5440, 8.6058, 39.8649**, and if you desaturate by 10%, it is **188.0220, 3.4402, 16.6437**.

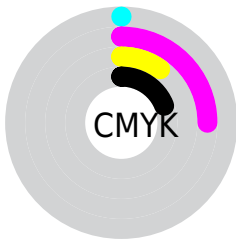
Distribution



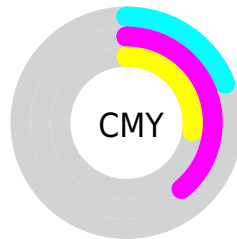
- Red (81%)
- Green (61%)
- Blue (73%)



- Red (81%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (25%)
- Yellow (10%)
- Black (19%)




- Cyan (19%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.7830, 6.0230, 28.2543 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 174.7830, 6.0230, 28.2543 by changing the saturation by 10% instead.

 174.7830, 6.0230,
28.2543


 174.7830, 6.0230,
28.2543

255.0000, 0.0000,
0.0000

 148.0710, 5.8810,
27.1247

 227.8040, 7.4916,
23.8509


 121.7720, 6.0284,
26.5100

 245.6080, 4.6303,
8.2368

 97.0600, 5.8864,
25.3804

 72.3480, 5.7444,
24.2508

 49.3370, 5.7499,
22.5065

 26.4510, 6.1867,
22.4065

 12.3320, 3.2873,

19.0028

■ 0.0000, 0.0000,
0.0000

■ 174.7830, 6.0230,
28.2543

■ 174.7830, 6.0230,
28.2543

■ 161.5440, 8.6058,
39.8649

■ 188.0220, 3.4402,
16.6437

■ 148.8920, 10.8992,
50.9607

■ 200.6740, 1.1467,
5.5479

■ 135.6530, 13.4821,
62.5713

■ 213.9130, -1.4361,
-6.0627

■ 122.4140, 16.0649,
74.1819

■ 227.1520, -4.0189,
-17.6733

■ 109.6480, 17.9215,
85.3777

■ 237.5700, -4.7180,
-26.8099

■ 96.4090, 20.5044,
96.9883

■ 238.4820, -1.2236,
-27.6097

■ 83.1700, 23.0872,
108.5989

■ 239.3940, 2.2708,
-28.4095

■ 76.2570, 24.5233,
114.6616

■ 240.3060, 5.7651,
-29.2094

■ 240.6480, 7.0755,
-29.5093

Harmonies

Analogous

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



173.5940, 15.9762, 9.1261



174.7830, 6.0230, 28.2543



173.9770, -4.9187, 37.7312

Triad

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



174.7830, 6.0230, 28.2543



169.0340, -21.7088, 9.6172



160.7300, 19.3601, -49.7522

Complementary

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



174.7830, 6.0230, 28.2543



188.2170, -6.0230, -28.2543

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.



160.5920, 8.5821, -46.1232



174.7830, 6.0230, 28.2543



165.9220, -15.2445, -10.4556

Square

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



174.7830, 6.0230, 28.2543



170.9590, -21.1788, 26.3460



163.3630, -4.1230, -31.0134



164.7730, 24.2689, -37.5119

Rectangle

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



174.7830, 6.0230, 28.2543



173.4410, -12.0494, 38.2012



163.3630, -4.1230, -31.0134



160.2200, 16.1605, -50.1819

Sweetspot

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



174.7830, 6.0230, 28.2543



243.6360, 2.1515, 9.9662



167.7940, 19.3286, 7.1967



121.0870, 1.4361, 6.0627



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.



174.7830, 6.0230, 28.2543



206.9680, 8.8898, 42.1241



171.9330, -4.8970, 30.7538



97.9730, 0.9993, 6.1627



61.8600, 19.7890, 93.0848



15.1090, 4.8763, 22.7064

Inverse Universe

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



174.7830, 6.0230, 28.2543



206.9680, 8.8898, 42.1241



191.0670, 4.8970, -30.7538



97.9730, 0.9993, 6.1627



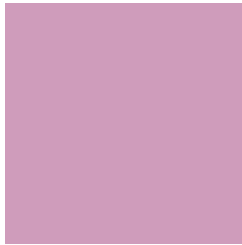
61.8600, 19.7890, 93.0848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 174.7830, 6.0230, 28.2543 looks on a white background.

Color Contrast Check

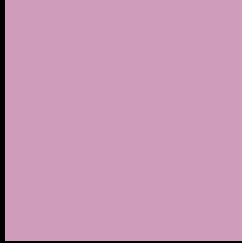
Large Text (above 18pt) WCAG AA × Fail

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 174.7830, 6.0230, 28.2543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

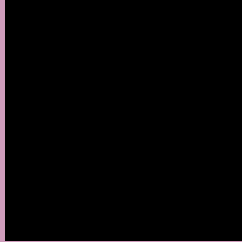
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.7830, 6.0230, 28.2543

Background



This preview shows how black text looks on a background with the YUV color 174.7830, 6.0230, 28.2543.



This preview shows how white text looks on a background with the YUV color 174.7830, 6.0230,

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

174.7830, 6.0230, 28.2543

Protanopia

172.0670, 11.7990, -4.4438

Deuteranopia

172.6510, 6.0881, 7.3221



Tritanopia

174.1220, -1.5391, 27.0800

Trichromacy



Original Color

174.7830, 6.0230, 28.2543

Protanomaly

173.2750, 9.7244, 7.6518

Deuteranomaly

173.1080, 6.3558, 14.8143

Tritanomaly

174.5180, 1.2236, 27.6097

Monochromacy



Original Color

174.7830, 6.0230, 28.2543

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.9350, 2.0040, 10.5810

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.7830, 6.0230, 28.2543 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(207, 156, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 156, 187)  
}
```

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(207, 156, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 156, 187) }
```

Border

The CSS property to change the border of an element to YUV 174.7830, 6.0230, 28.2543 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(207, 156, 187) }
```


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

```
.border{ border-color:rgb(207, 156, 187) }
```

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

Here you see how a box with a 4 pixel rgb(207, 156, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 156, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 156, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 156,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 174.7830, 6.0230, 28.2543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 156, 187) }
```

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

```
.background{ background-color: rgb(207,  
156, 187) }
```

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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