

# Converting Colors

YUV(174.5180, 1.2236, 27.6097)

Have a look what the booklet for  
YUV(174.5180, 1.2236, 27.6097)  
contains.

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# Color

**YUV(174.5180, 1.2236,  
27.6097)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CE9EB1
RGB	206, 158, 177
RGB Percent	81%, 62%, 69%
CMY	0.1922, 0.3804, 0.3059
CMYK	0.00, 0.23, 0.14, 0.19
HSL	336°, 33%, 71%
HSV	336°, 23%, 81%
XYZ	45.6163, 40.7499, 47.0562
YIQ	174.5180, 22.5090, 16.0850

# Conversions

## Conversions Part 2

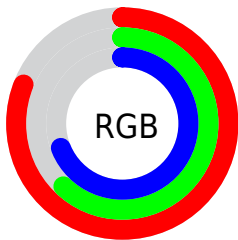
Format	Color
R <sub>Y</sub> B	206, 158, 177
Decimal	13541041
CIE Lab	70.00, 20.78, -2.93
CIE LCh	70, 20.984, 351.962
Yxy	40.7499, 0.3419, 0.3054
Android (android.graphics.Color)	4291731121 (0xFFCE9EB1)
YUV	174.5180, 1.2236, 27.6097
Hunter-Lab	63.8356, 15.8419, 0.9795

# Details

The YUV color **174.5180, 1.2236, 27.6097** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **189.4820, -1.2236, -27.6097**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8380, 2.5449, 23.8211**, and **121.5070, 1.2290, 25.8654** is the 20% darker color. If you saturate the color by 10%, you get **160.8230, 2.0593, 39.6202**, and if you desaturate by 10%, it is **188.2130, 0.3880, 15.5992**.

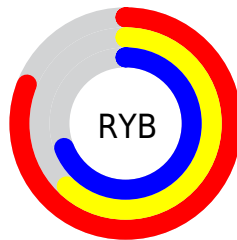
# Distribution



Red (81%)

Green (62%)

Blue (69%)



Red (81%)

Yellow (62%)

Blue (69%)

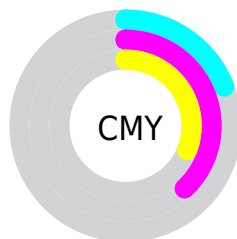


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (19%)



Cyan (19%)

Magenta (38%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 174.5180, 1.2236, 27.6097 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 174.5180, 1.2236, 27.6097 by changing the saturation by 10% instead.





 174.5180, 1.2236,  
27.6097


 174.5180, 1.2236,  
27.6097


255.0000, 0.0000,  
0.0000


 147.8060, 1.0816,  
26.4801

 227.8380, 2.5449,  
23.8211


 121.5070, 1.2290,  
25.8654

 246.7820, 4.0515,  
7.2072

 96.9090, 1.5239,  
24.6358

 72.3110, 1.8187,  
23.4063

 49.5990, 1.6767,  
22.2767

 27.1150, 2.4083,  
20.9471

 10.7790, -1.3700,

19.4878

■ 0.0000, 0.0000,  
0.0000

■ 174.5180, 1.2236,  
27.6097

■ 174.5180, 1.2236,  
27.6097

■ 160.8230, 2.0593,  
39.6202

■ 188.2130, 0.3880,  
15.5992

■ 147.6010, 2.1687,  
51.2159

■ 201.4350, 0.2785,  
4.0035

■ 133.9060, 3.0043,  
63.2264

■ 215.1300, -0.5571,  
-8.0070

■ 120.6840, 3.1138,  
74.8221

■ 228.3520, -0.6665,  
-19.6027

■ 106.9890, 3.9494,  
86.8326

■ 238.5250, 0.2342,  
-28.5244

■ 93.1800, 4.3483,  
98.9431

■ 240.0070, 5.9125,  
-29.8241

■ 80.0720, 4.8945,  
110.4389

■ 240.3490, 7.2229,  
-30.1241

■ 70.9420, 5.4516,  
118.4459

# Harmonies

## Analogous

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



174.4330, 10.1395, 14.5293



174.5180, 1.2236, 27.6097



173.8470, -7.8126, 32.5832

# Triad

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



174.5180, 1.2236, 27.6097



168.7710, -16.1561, 1.9548



164.6500, 17.4275, -36.5271

# Complementary

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



174.5180, 1.2236, 27.6097



189.4820, -1.2236, -27.6097

# 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.



163.5050, 10.5970, -39.0309



174.5180, 1.2236, 27.6097



166.3820, -9.5553, -15.2440

# Square

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



174.5180, 1.2236, 27.6097



171.0010, -18.2415, 17.5391



164.2150, 0.3870, -30.8836



168.3080, 19.5682, -23.0721



# Rectangle

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



174.5180, 1.2236, 27.6097



172.7560, -13.1907, 30.9090



164.2150, 0.3870, -30.8836



163.8840, 15.8332, -38.4863

# Sweetspot

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



174.5180, 1.2236, 27.6097



243.1800, 0.4043, 10.3661



172.1430, 16.6915, 13.0296



120.7450, 0.1257, 6.3626



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.



174.5180, 1.2236, 27.6097



208.4210, 1.7644, 40.8498



175.2870, -8.5225, 26.9353



95.4460, 0.2731, 5.7479



57.1580, 4.3591, 95.4544



13.0720, 0.9505, 21.8619



# Inverse Universe

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



174.5180, 1.2236, 27.6097



208.4210, 1.7644, 40.8498



188.7130, 8.5225, -26.9353



95.4460, 0.2731, 5.7479



57.1580, 4.3591, 95.4544

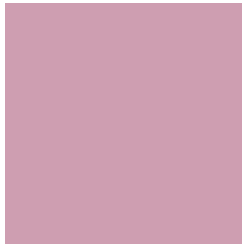


13.0720, 0.9505, 21.8619



# Previews

## White Background



This preview shows how the YUV color 174.5180, 1.2236, 27.6097 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

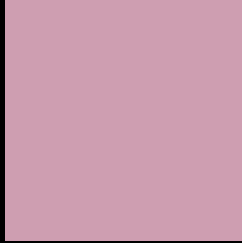
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.5180, 1.2236, 27.6097 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

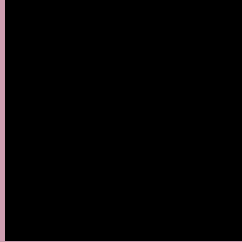
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 174.5180, 1.2236, 27.6097

## Background



This preview shows how black text looks on a background with the YUV color 174.5180, 1.2236, 27.6097.



This preview shows how white text looks on a background with the YUV color 174.5180, 1.2236,



# 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

174.5180, 1.2236, 27.6097

### Protanopia

171.8950, 5.9678, -0.7849

### Deuteranopia

173.0060, 0.9830, 11.3957



## Tritanopia

174.1220, -1.5391, 27.0800

# Trichromacy



## Original Color

174.5180, 1.2236, 27.6097

## Protanomaly

173.0920, 3.8986, 9.5663

## Deuteranomaly

173.4520, 1.2562, 17.1436

## Tritanomaly

174.3500, -0.6655, 26.8801

# Monochromacy



## Original Color

174.5180, 1.2236, 27.6097

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

174.8810, 0.5517, 9.7514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.5180, 1.2236, 27.6097 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(206, 158, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 158, 177)  
}
```

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(206, 158, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 158, 177) }
```

## Border

The CSS property to change the border of an element to YUV 174.5180, 1.2236, 27.6097 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(206, 158, 177) }
```



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

```
.border{ border-color:rgb(206, 158, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 158, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 158, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 158, 177);  
box-shadow:4px 4px 4px 4px rgb(206, 158,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 174.5180, 1.2236, 27.6097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 158, 177) }
```

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

```
.background{ background-color: rgb(206,  
158, 177) }
```

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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