

Converting Colors

YUV(172.4550, -6.6333,
27.6650)

Have a look what the booklet for
YUV(172.4550, -6.6333, 27.6650)
contains.

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Color

**YUV(172.4550, -6.6333,
27.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9F9F
RGB	204, 159, 159
RGB Percent	80%, 62%, 62%
CMY	0.2000, 0.3765, 0.3765
CMYK	0.00, 0.22, 0.22, 0.20
HSL	0°, 31%, 71%
HSV	0°, 22%, 80%
XYZ	43.5580, 40.1368, 38.2523
YIQ	172.4550, 26.8200, 9.5400

Conversions

Conversions Part 2

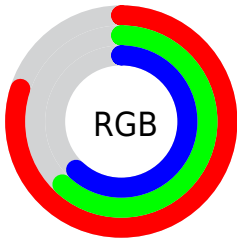
Format	Color
R_{YB}	204, 159, 159
Decimal	13410207
CIE _{Lab}	69.57, 16.67, 6.41
CIE _{LCh}	70, 17.856, 21.026
Yxy	40.1368, 0.3572, 0.3291
Android (android.graphics.Color)	4291600287 (0xFFCC9F9F)
YUV	172.4550, -6.6333, 27.6650
Hunter-Lab	63.3536, 11.8565, 8.5488

Details

The YUV color $172.4550, -6.6333, 27.6650$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $190.5450, 6.6333, -27.6650$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.2590, -6.0437, 25.2059$, and $119.6720, -5.7543, 25.7207$ is the 20% darker color. If you saturate the color by 10%, you get $158.4350, -9.5815, 39.9605$, and if you desaturate by 10%, it is $186.4750, -3.6852, 15.3694$.

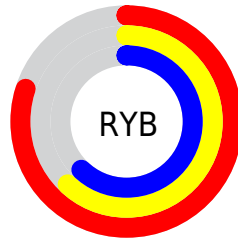
Distribution



Red (80%)

Green (62%)

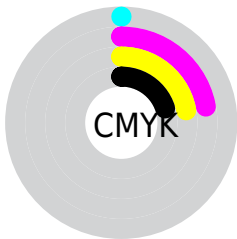
Blue (62%)



Red (80%)

Yellow (62%)

Blue (62%)

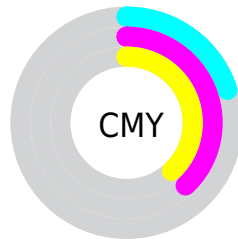


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4550, -6.6333, 27.6650 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 172.4550, -6.6333, 27.6650 by changing the saturation by 10% instead.


 172.4550, -6.6333,
27.6650

 172.4550, -6.6333,
27.6650


255.0000, 0.0000,
0.0000


 145.8570, -6.3385,
26.4354


 226.2590, -6.0437,
25.2059


 119.6720, -5.7543,
25.7207

 245.8870, -1.9163,
7.9921

 94.9600, -5.8963,
24.5911

 71.0630, -5.4541,
22.7467

 47.6930, -4.2856,
21.3172

 26.0950, -3.9908,
20.0877

 8.4860, -3.6906,

17.1138

0.0000, 0.0000,
0.0000

172.4550, -6.6333,
27.6650

172.4550, -6.6333,
27.6650

158.4350, -9.5815,
39.9605

186.4750, -3.6852,
15.3694

143.7140,
-12.6770, 52.8708

201.1960, -0.5896,
2.4591

129.6940,
-15.6251, 65.1664

215.2160, 2.3585,
-9.8364

114.9730,
-18.7207, 78.0767

229.9370, 5.4541,
-22.7467

100.9530,
-21.6688, 90.3722

239.7510, 7.5178,
-31.3536

■ 86.9330, -24.6170,
102.6678

■ 72.2120, -27.7125,
115.5781

■ 60.9960, -30.0710,
125.4145

Harmonies

Analogous

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



173.0830, 0.9451, 23.6062



172.4550, -6.6333, 27.6650



171.1250, -12.8796, 24.4464

Triad

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



172.4550, -6.6333, 27.6650



166.3330, -8.5452, -12.5700



168.1190, 16.2103, -19.3984

Complementary

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



172.4550, -6.6333, 27.6650



190.5450, 6.6333, -27.6650

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.



164.8850, 14.3537, -30.5941



172.4550, -6.6333, 27.6650



164.4330, -0.2135, -24.9357

Square

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



172.4550, -6.6333, 27.6650



167.7540, -13.6827, 1.9697



163.6800, 8.5388, -32.1684



170.7620, 14.4143, -3.2993

Rectangle

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



172.4550, -6.6333, 27.6650



170.2230, -14.8999, 19.0984



163.6800, 8.5388, -32.1684



166.4990, 16.5160, -24.1166

Sweetspot

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



172.4550, -6.6333, 27.6650



242.3820, -2.6533, 11.0660



177.5850, 13.0226, 23.1660



120.2890, -1.6215, 6.7625



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.



172.4550, -6.6333, 27.6650



208.7340, -9.7289, 40.5753



185.9560, -13.2893, 15.8246



94.9900, -1.4741, 6.1478



49.6340, -24.4696, 102.0530



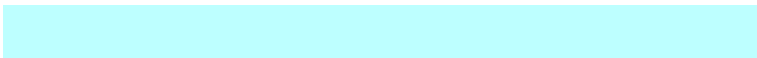
11.3620, -5.6015, 23.3615

Inverse Universe

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



190.5450, 6.6333, -27.6650



235.2660, 9.7289, -40.5753



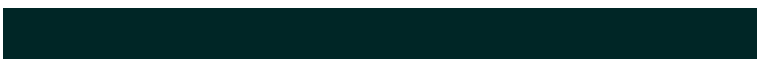
177.6310, 12.9999, -16.3394



99.0100, 1.4741, -6.1478



116.3660, 24.4696, -102.0530



26.6380, 5.6015, -23.3615

Previews

White Background



This preview shows how the YUV color 172.4550, -6.6333, 27.6650 looks on a white background.

Color Contrast Check

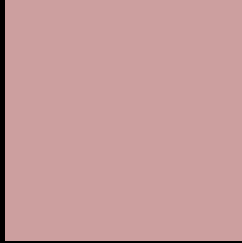
Large Text (above 18pt) WCAG AA × Fail

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 172.4550, -6.6333, 27.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

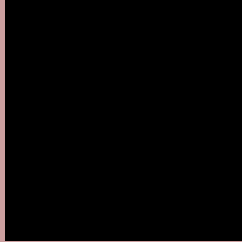
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.4550, -6.6333, 27.6650

Background



This preview shows how black text looks on a background with the YUV color 172.4550, -6.6333, 27.6650.



This preview shows how white text looks on a background with the YUV color 172.4550, -6.6333,

27.6650.

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

172.4550, -6.6333, 27.6650

Protanopia

170.0390, -2.4842, 3.4738

Deuteranopia

171.3890, -6.6008, 17.1988



Tritanopia

172.8340, -1.3972, 28.2096

Trichromacy



Original Color

172.4550, -6.6333, 27.6650

Protanomaly

170.7520, -3.8217, 12.4955

Deuteranomaly

171.7100, -6.7590, 21.3023

Tritanomaly

172.9650, -3.4337, 28.0947

Monochromacy



Original Color

172.4550, -6.6333, 27.6650

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0830, -2.5059, 10.4512

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4550, -6.6333, 27.6650 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(204, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(204, 159, 159)  
}
```

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(204, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 159, 159) }
```

Border

The CSS property to change the border of an element to YUV 172.4550, -6.6333, 27.6650 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(204, 159, 159) }
```


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

```
.border{ border-color:rgb(204, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(204, 159,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 172.4550, -6.6333, 27.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 159, 159) }
```

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

```
.background{ background-color: rgb(204,  
159, 159) }
```

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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