

Converting Colors

YUV(172.8940, -2.4127,
27.2800)

Have a look what the booklet for
YUV(172.8940, -2.4127, 27.2800)
contains.

YUV(172.8940, -2.4127, 27.2800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(172.8940, -2.4127,
27.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9EA8
RGB	204, 158, 168
RGB Percent	80%, 62%, 66%
CMY	0.2000, 0.3804, 0.3412
CMYK	0.00, 0.23, 0.18, 0.20
HSL	347°, 31%, 71%
HSV	347°, 23%, 80%
XYZ	44.1966, 40.1182, 42.4600
YIQ	172.8940, 24.2060, 12.8620

Conversions

Conversions Part 2

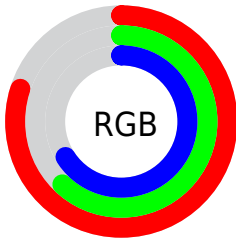
Format	Color
R_{YB}	204, 158, 168
Decimal	13409960
CIE _{Lab}	69.55, 18.60, 1.39
CIE _{LCh}	70, 18.651, 4.269
Yxy	40.1182, 0.3486, 0.3165
Android (android.graphics.Color)	4291600040 (0xFFCC9EA8)
YUV	172.8940, -2.4127, 27.2800
Hunter-Lab	63.3390, 13.7103, 4.5916

Details

The YUV color $172.8940, -2.4127, 27.2800$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $189.1060, 2.4127, -27.2800$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.6980, -1.8231, 24.8209$, and $119.9970, -1.9705, 25.4356$ is the 20% darker color. If you saturate the color by 10%, you get $159.3300, -3.6137, 39.1756$, and if you desaturate by 10%, it is $186.4580, -1.2118, 15.3843$.

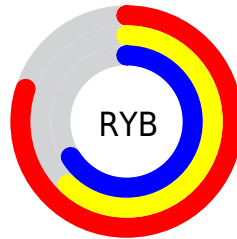
Distribution



Red (80%)

Green (62%)

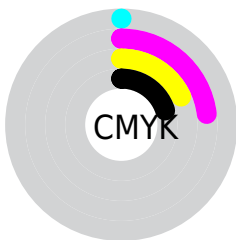
Blue (66%)



Red (80%)

Yellow (62%)

Blue (66%)

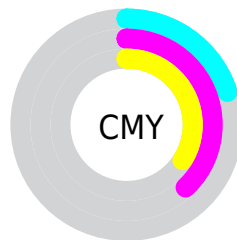


Cyan (0%)

Magenta (23%)

Yellow (18%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.8940, -2.4127, 27.2800 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 172.8940, -2.4127, 27.2800 by changing the saturation by 10% instead.


 172.8940, -2.4127,
27.2800

 172.8940, -2.4127,
27.2800


255.0000, 0.0000,
0.0000


 146.2960, -2.1179,
26.0504


 226.6980, -1.8231,
24.8209


 119.9970, -1.9705,
25.4356

 246.4400, 2.7411,
7.5071

 95.3990, -1.6757,
24.2061

 71.3880, -1.6703,
22.4617

 48.2030, -1.0861,
21.7470

 26.3060, -0.6439,
19.9026

 9.0840, -3.9854,

18.3433

0.0000, 0.0000,
0.0000

172.8940, -2.4127,
27.2800

172.8940, -2.4127,
27.2800

159.3300, -3.6137,
39.1756

186.4580, -1.2118,
15.3843

145.1790, -4.5252,
51.5860

200.6090, -0.3002,
2.9739

131.6150, -5.7262,
63.4816

214.1730, 0.9007,
-8.9217

117.4640, -6.6378,
75.8921

228.3240, 1.8123,
-21.3321

103.9000, -7.8387,
87.7877

238.9530, 4.4602,
-30.6538

■ 90.3360, -9.0396,
99.6833

■ 239.7510, 7.5178,
-31.3536

■ 76.1850, -9.9512,
112.0938

■ 66.0120, -10.8519,
121.0155

Harmonies

Analogous

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



173.0160, 5.9081, 18.4030



172.8940, -2.4127, 27.2800



172.2440, -9.9803, 27.8500

Triad

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



172.8940, -2.4127, 27.2800



167.3510, -12.4980, -4.6928



166.1780, 16.6742, -28.2201

Complementary

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



172.8940, -2.4127, 27.2800



189.1060, 2.4127, -27.2800

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.



163.5810, 12.0386, -34.7125



172.8940, -2.4127, 27.2800



164.9130, -4.8871, -19.2177

Square

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



172.8940, -2.4127, 27.2800



168.8260, -16.1832, 10.6766



163.5400, 4.1708, -31.1686



169.5650, 16.4835, -13.6505

Rectangle

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



172.8940, -2.4127, 27.2800



171.1960, -13.9006, 25.2611



163.5400, 4.1708, -31.1686



164.9280, 15.8115, -31.5089

Sweetspot

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



172.8940, -2.4127, 27.2800



242.8380, -0.9061, 10.6661



173.7090, 14.9335, 16.9182



120.6310, -0.3111, 6.4626



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.



172.8940, -2.4127, 27.2800



208.3410, -3.6191, 40.9199



178.7980, -10.2534, 22.1022



95.2180, -0.6005, 5.9478



53.7380, -8.7448, 98.4538



12.2740, -2.1071, 22.5617

Inverse Universe

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



172.8940, -2.4127, 27.2800



208.3410, -3.6191, 40.9199



183.2020, 10.2534, -22.1022



95.2180, -0.6005, 5.9478



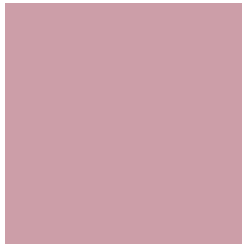
53.7380, -8.7448, 98.4538



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 172.8940, -2.4127, 27.2800 looks on a white background.

Color Contrast Check

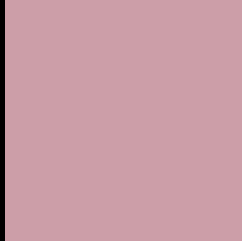
Large Text (above 18pt) WCAG AA × Fail

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 172.8940, -2.4127, 27.2800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

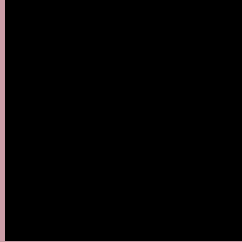
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.8940, -2.4127, 27.2800

Background



This preview shows how black text looks on a background with the YUV color 172.8940, -2.4127, 27.2800.



This preview shows how white text looks on a background with the YUV color 172.8940, -2.4127,

27.2800.

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

172.8940, -2.4127, 27.2800

Protanopia

170.4670, 1.7418, 1.3444

Deuteranopia

172.1050, -2.5168, 13.9399



Tritanopia

173.1220, -1.5391, 27.0800

Trichromacy



Original Color

172.8940, -2.4127, 27.2800

Protanomaly

171.4790, 0.2569, 10.9809

Deuteranomaly

172.1380, -2.5330, 19.1730

Tritanomaly

173.0080, -1.9759, 27.1800

Monochromacy



Original Color

172.8940, -2.4127, 27.2800

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.1260, -1.0481, 9.5365

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.8940, -2.4127, 27.2800 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, 158, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 158, 168)  
}
```

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, 158, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 158, 168) }
```

Border

The CSS property to change the border of an element to YUV 172.8940, -2.4127, 27.2800 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, 158, 168) }
```


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

```
.border{ border-color:rgb(204, 158, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 158, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 158, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 158, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 158,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 172.8940, -2.4127, 27.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 158, 168) }
```

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

```
.background{ background-color: rgb(204,  
158, 168) }
```

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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