

Converting Colors

YUV(172.0580, 12.2964,
22.7511)

Have a look what the booklet for
YUV(172.0580, 12.2964, 22.7511)
contains.

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Color

**YUV(172.0580, 12.2964,
22.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	C69AC5
RGB	198, 154, 197
RGB Percent	78%, 60%, 77%
CMY	0.2235, 0.3961, 0.2275
CMYK	0.00, 0.22, 0.01, 0.22
HSL	301°, 28%, 69%
HSV	301°, 22%, 78%
XYZ	44.9223, 39.1482, 58.0120
YIQ	172.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

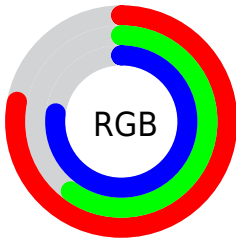
Format	Color
R _Y B	198, 154, 197
Decimal	13015749
CIE Lab	68.86, 23.70, -15.83
CIE LCh	69, 28.504, 326.265
Yxy	39.1482, 0.3162, 0.2755
Android (android.graphics.Color)	4291205829 (0xFFC69AC5)
YUV	172.0580, 12.2964, 22.7511
Hunter-Lab	62.5685, 18.6628, -11.1743

Details

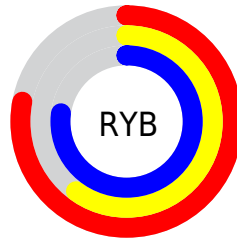
The YUV color **172.0580, 12.2964, 22.7511** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **179.9420, -12.2964, -22.7511**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8840, 12.8752, 23.7807**, and **119.2320, 11.7176, 21.7215** is the 20% darker color. If you saturate the color by 10%, you get **160.3180, 18.0842, 33.0471**, and if you desaturate by 10%, it is **183.7980, 6.5086, 12.4552**.

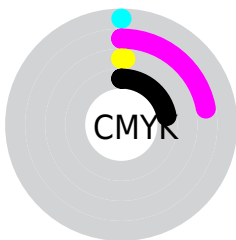
Distribution



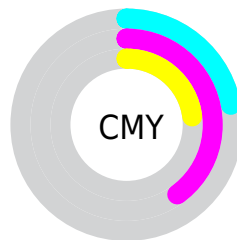
- Red (78%)
- Green (60%)
- Blue (77%)



- Red (78%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (22%)
- Yellow (1%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.0580, 12.2964, 22.7511 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 172.0580, 12.2964, 22.7511 by changing the saturation by 10% instead.


 172.0580, 12.2964,
22.7511


 172.0580, 12.2964,
22.7511


255.0000, 0.0000,
0.0000


 145.3460, 12.1544,
21.6216


 227.8840, 12.8752,
23.7807


 119.2320, 11.7176,
21.7215

 244.4340, 5.2090,
9.2664

 94.5200, 11.5756,
20.5920

 70.3950, 11.1443,
18.9476

 46.9820, 10.8549,
18.4328

 24.6830, 11.0023,
17.8180

 10.7380, 7.5242,

13.3848

■ 0.0000, 0.0000,
0.0000

■ 172.0580, 12.2964,
22.7511

■ 172.0580, 12.2964,
22.7511

■ 160.3180, 18.0842,
33.0471

■ 183.7980, 6.5086,
12.4552

■ 148.4640, 23.4352,
43.4431

■ 195.6520, 1.1576,
2.0592

■ 137.3110, 28.9337,
53.2243

■ 206.8050, -4.3409,
-7.7220

■ 125.4570, 34.2847,
63.6202

■ 218.6590, -9.6919,
-18.1179

■ 113.7170, 40.0725,
73.9162

■ 230.3990,
-15.4797, -28.4139

■ 101.8630, 45.4235,
84.3121

■ 231.6870,
-15.6217, -29.5435

■ 90.1230, 51.2114,
94.6081

■ 231.8010,
-15.1849, -29.6435

■ 81.2040, 55.1154,
102.4301

Harmonies

Analogous

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



170.0100, 21.6871, -2.6398



172.0580, 12.2964, 22.7511



171.6550, 0.1701, 38.8906

Triad

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



172.0580, 12.2964, 22.7511



166.7040, -24.5041, 19.5536



154.5070, 17.4980, -59.2036

Complementary

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



172.0580, 12.2964, 22.7511



179.9420, -12.2964, -22.7511

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.



156.6260, 3.6354, -46.1530



172.0580, 12.2964, 22.7511



164.0820, -21.2394, -0.9489

Square

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



172.0580, 12.2964, 22.7511



169.3130, -21.3533, 35.6825



160.6860, -10.6912, -24.2806



157.4290, 25.9175, -52.9962

Rectangle

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



172.0580, 12.2964, 22.7511



170.9130, -7.8451, 43.0493



160.6860, -10.6912, -24.2806



154.7910, 13.4140, -55.9447

Sweetspot

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



172.0580, 12.2964, 22.7511



244.4340, 5.2090, 9.2664



159.3150, 19.0717, -3.7843



121.4290, 2.7465, 5.7628



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.



172.0580, 12.2964, 22.7511



214.2690, 19.0944, 35.7211



169.5500, 2.6869, 24.9507



93.7170, 2.6045, 4.6332



66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Inverse Universe

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



172.0580, 12.2964, 22.7511



214.2690, 19.0944, 35.7211



182.4500, -2.6868, -24.9506



93.7170, 2.6045, 4.6332



66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 172.0580, 12.2964, 22.7511 looks on a white background.

Color Contrast Check

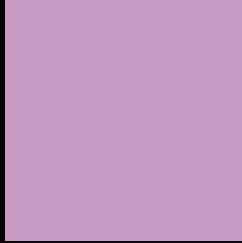
Large Text (above 18pt) WCAG AA × Fail

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 172.0580, 12.2964, 22.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

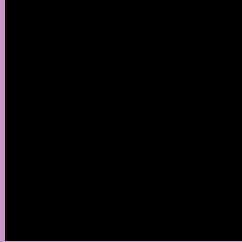
Any Text WCAG AA ✓ Pass

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 172.0580, 12.2964, 22.7511 Background



This preview shows how black text looks on a background with the YUV color 172.0580, 12.2964, 22.7511.



This preview shows how white text looks on a background with the YUV color 172.0580, 12.2964,

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

172.0580, 12.2964, 22.7511

Protanopia

169.0540, 18.2144, -8.8174

Deuteranopia

169.9260, 12.3615, 1.8189



Tritanopia

170.8330, 0.0823, 20.3175

Trichromacy



Original Color

172.0580, 12.2964, 22.7511

Protanomaly

169.9630, 16.2872, 2.6634

Deuteranomaly

170.3830, 12.6292, 9.3111

Tritanomaly

170.9840, 4.4449, 21.0620

Monochromacy



Original Color

172.0580, 12.2964, 22.7511

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0580, 12.2964, 22.7511 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(198, 154, 197)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 197)  
}
```

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(198, 154, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 197) }
```

Border

The CSS property to change the border of an element to YUV 172.0580, 12.2964, 22.7511 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(198, 154, 197) }
```


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

```
.border{ border-color:rgb(198, 154, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 172.0580, 12.2964, 22.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 197) }
```

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

```
.background{ background-color: rgb(198,  
154, 197) }
```

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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