

Converting Colors

YUV(172.9720, 9.3808, 24.5806)

Have a look what the booklet for
YUV(172.9720, 9.3808, 24.5806)
contains.

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Color

**YUV(172.9720, 9.3808,
24.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	C99BC0
RGB	201, 155, 192
RGB Percent	79%, 61%, 75%
CMY	0.2118, 0.3922, 0.2471
CMYK	0.00, 0.23, 0.04, 0.21
HSL	312°, 30%, 70%
HSV	312°, 23%, 79%
XYZ	45.3232, 39.6660, 55.1367
YIQ	172.9720, 15.5390, 21.2590

Conversions

Conversions Part 2

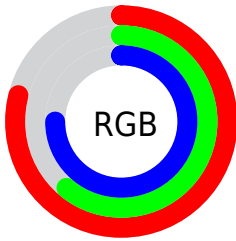
Format	Color
R_{YB}	201, 155, 192
Decimal	13212608
CIE _{Lab}	69.23, 23.25, -12.46
CIE _{LCh}	69, 26.383, 331.811
Yxy	39.6660, 0.3234, 0.2831
Android (android.graphics.Color)	4291402688 (0xFFC99BC0)
YUV	172.9720, 9.3808, 24.5806
Hunter-Lab	62.9809, 18.2379, -7.8188

Details

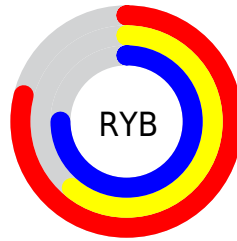
The YUV color **172.9720, 9.3808, 24.5806** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183.0280, -9.3808, -24.5806**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.7870, 9.9650, 23.8658**, and **119.9610, 9.3862, 22.8362** is the 20% darker color. If you saturate the color by 10%, you get **160.7760, 13.4214, 35.2764**, and if you desaturate by 10%, it is **185.1680, 5.3402, 13.8847**.

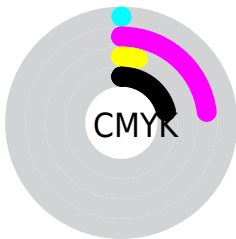
Distribution



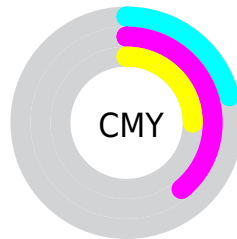
- Red (79%)
- Green (61%)
- Blue (75%)



- Red (79%)
- Yellow (61%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9720, 9.3808, 24.5806 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 172.9720, 9.3808, 24.5806 by changing the saturation by 10% instead.


 172.9720, 9.3808,
24.5806


 172.9720, 9.3808,
24.5806


255.0000, 0.0000,
0.0000

 146.2600, 9.2388,
23.4510


 227.7870, 9.9650,
23.8658


 119.9610, 9.3862,
22.8362

 245.0210, 4.9196,
8.7516

 95.1350, 8.8074,
21.8066

 70.8360, 8.9549,
21.1918

 48.0100, 8.3761,
20.1622

 25.4120, 8.6709,
18.9327

 10.9940, 5.9190,

14.9143

■ 0.0000, 0.0000,
0.0000

■ 172.9720, 9.3808,
24.5806

■ 172.9720, 9.3808,
24.5806

■ 160.7760, 13.4214,
35.2764

■ 185.1680, 5.3402,
13.8847

■ 148.5800, 17.4621,
45.9723

■ 197.3640, 1.2995,
3.1888

■ 136.3840, 21.5027,
56.6682

■ 209.5600, -2.7411,
-7.5071

■ 124.1880, 25.5433,
67.3641

■ 221.7560, -6.7817,
-18.2030

■ 111.4050, 29.8733,
78.5748

■ 233.9520,
-10.8223, -28.8989

■ 99.2090, 33.9140,
89.2707

■ 234.4080, -9.0751,
-29.2988

■ 87.0130, 37.9546,
99.9666

■ 234.8640, -7.3280,
-29.6987

■ 78.5670, 41.1325,
107.3737

■ 235.2060, -6.0176,
-29.9987

■ 235.6620, -4.2704,
-30.3986

Harmonies

Analogous

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



171.3590, 19.0500, 3.1932



172.9720, 9.3808, 24.5806



172.6610, -2.2979, 37.1313

Triad

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



172.9720, 9.3808, 24.5806



167.7250, -23.0354, 15.1502



157.8390, 17.3344, -53.3558

Complementary

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



172.9720, 9.3808, 24.5806



183.0280, -9.3808, -24.5806

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.



158.2070, 5.8139, -44.9085



172.9720, 9.3808, 24.5806



164.8580, -18.1710, -5.1375

Square

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



172.9720, 9.3808, 24.5806



169.8070, -20.6109, 30.8643



161.7720, -7.7756, -26.1100



161.3160, 24.0012, -45.0041

Rectangle

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



172.9720, 9.3808, 24.5806



171.7340, -9.7289, 40.5753



161.7720, -7.7756, -26.1100



157.3400, 14.1294, -52.0412

Sweetspot

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



172.9720, 9.3808, 24.5806



244.0920, 3.8986, 9.5663



162.6360, 18.9135, 0.3192



121.3150, 2.3097, 5.8627



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.



172.9720, 9.3808, 24.5806



213.0150, 14.2896, 36.8208



170.4640, -0.2288, 26.7801



93.6030, 2.1677, 4.7332



63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Inverse Universe

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



172.9720, 9.3808, 24.5806



213.0150, 14.2896, 36.8208



185.5360, 0.2288, -26.7801



93.6030, 2.1677, 4.7332



63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 172.9720, 9.3808, 24.5806 looks on a white background.

Color Contrast Check

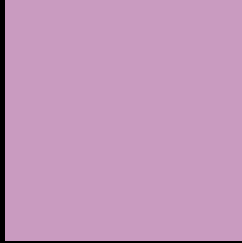
Large Text (above 18pt) WCAG AA × Fail

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 172.9720, 9.3808, 24.5806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

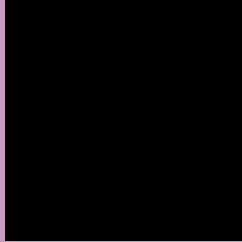
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9720, 9.3808, 24.5806

Background



This preview shows how black text looks on a background with the YUV color 172.9720, 9.3808, 24.5806.



This preview shows how white text looks on a background with the YUV color 172.9720, 9.3808,

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

172.9720, 9.3808, 24.5806

Protanopia

170.1530, 14.7146, -6.2732

Deuteranopia

171.1390, 9.2985, 4.2631



Tritanopia

172.0290, -0.5073, 22.7766

Trichromacy



Original Color

172.9720, 9.3808, 24.5806

Protanomaly

171.0620, 12.7874, 5.2076

Deuteranomaly

171.5960, 9.5662, 11.7553

Tritanomaly

172.6530, 3.1291, 23.1063

Monochromacy



Original Color

172.9720, 9.3808, 24.5806

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6790, 3.6093, 9.0515

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9720, 9.3808, 24.5806 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(201, 155, 192)` looks like.

```
.text, #text, p{  
    color:rgb(201, 155, 192)  
}
```

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(201, 155, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 155, 192) }
```

Border

The CSS property to change the border of an element to YUV 172.9720, 9.3808, 24.5806 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(201, 155, 192) }
```


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

```
.border{ border-color:rgb(201, 155, 192) }
```

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

Here you see how a box with a 4 pixel rgb(201, 155, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 155, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 155, 192);  
box-shadow:4px 4px 4px 4px rgb(201, 155,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 172.9720, 9.3808, 24.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 155, 192) }
```

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

```
.background{ background-color: rgb(201,  
155, 192) }
```

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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