

Converting Colors

YUV(174.0950, 16.2222,
23.5957)

Have a look what the booklet for
YUV(174.0950, 16.2222, 23.5957)
contains.

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Color

**YUV(174.0950, 16.2222,
23.5957)**

Conversions

Conversions Part 1

Format	Color
Hex	C99ACF
RGB	201, 154, 207
RGB Percent	79%, 60%, 81%
CMY	0.2118, 0.3961, 0.1882
CMYK	0.03, 0.26, 0.00, 0.19
HSL	293°, 36%, 71%
HSV	293°, 26%, 81%
XYZ	46.9055, 40.0337, 64.2866
YIQ	174.0950, 10.9990, 26.4470

Conversions

Conversions Part 2

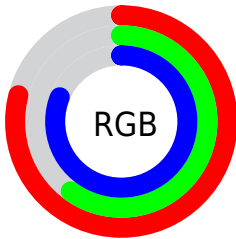
Format	Color
R_{YB}	201, 154, 207
Decimal	13212367
CIE _{Lab}	69.49, 26.62, -20.38
CIE _{LCh}	69, 33.523, 322.557
Yxy	40.0337, 0.3102, 0.2647
Android (android.graphics.Color)	4291402447 (0xFFC99ACF)
YUV	174.0950, 16.2222, 23.5957
Hunter-Lab	63.2722, 21.6008, -15.9500

Details

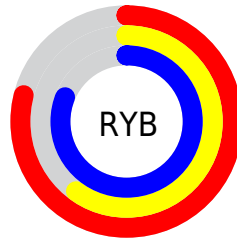
The YUV color **174.0950, 16.2222, 23.5957** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.9050, -16.2222, -23.5957**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9980, 13.3120, 23.6808**, and **120.9700, 15.7908, 21.9513** is the 20% darker color. If you saturate the color by 10%, you get **161.1700, 22.5942, 33.1769**, and if you desaturate by 10%, it is **187.0200, 9.8501, 14.0145**.

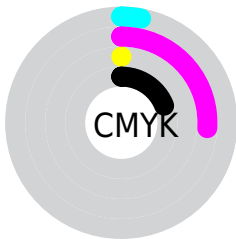
Distribution



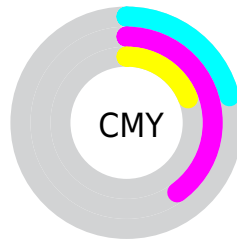
- Red (79%)
- Green (60%)
- Blue (81%)



- Red (79%)
- Yellow (60%)
- Blue (81%)



- Cyan (3%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)





- Cyan (21%)
- Magenta (40%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.0950, 16.2222, 23.5957 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 174.0950, 16.2222, 23.5957 by changing the saturation by 10% instead.


 174.0950, 16.2222,
23.5957


 174.0950, 16.2222,
23.5957


255.0000, 0.0000,
0.0000


 147.2690, 15.6434,
22.5661


 227.9980, 13.3120,
23.6808


 120.9700, 15.7908,
21.9513

 244.4340, 5.2090,
9.2664

 96.1440, 15.2120,
20.9217

 71.6170, 14.4858,
20.5069

 48.4920, 14.0544,
18.8625

 25.4920, 14.0544,
18.8625

 12.4330, 10.1395,

14.5293

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 174.0950, 16.2222,
23.5957

■ 174.0950, 16.2222,
23.5957

■ 161.1700, 22.5942,
33.1769

■ 187.0200, 9.8501,
14.0145

■ 148.5330, 28.8242,
41.6286

■ 199.6570, 3.6201,
5.5628

■ 135.6080, 35.1963,
51.2098

■ 212.5820, -2.7519,
-4.0184

■ 122.6830, 41.5683,
60.7910

■ 225.5070, -9.1240,
-13.5996

■ 110.0460, 47.7983,
69.2427

■ 236.9700,
-14.7752, -21.0217

■ 97.1210, 54.1703,
78.8239

■ 237.5680,
-15.0700, -19.7921

■ 84.1960, 60.5424,
88.4051

■ 238.1660,
-15.3648, -18.5626

■ 78.6140, 63.2943,
92.4235

■ 239.0630,
-15.8071, -16.7183

■ 239.6610,
-16.1019, -15.4887

Harmonies

Analogous

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



171.3560, 26.9395, -7.3282



174.0950, 16.2222, 23.5957



173.6710, 2.6272, 44.1385

Triad

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



174.0950, 16.2222, 23.5957



168.1840, -29.1777, 25.2716



150.5050, 20.4570, -74.9879

Complementary

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



174.0950, 16.2222, 23.5957



186.9050, -16.2222, -23.5957

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.



155.9410, 2.4941, -53.4453



174.0950, 16.2222, 23.5957



165.5400, -25.9022, 1.2804

Square

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



174.0950, 16.2222, 23.5957



170.7870, -23.5590, 43.1598



161.3500, -14.4695, -25.7399



153.3990, 31.3553, -70.5099

Rectangle

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



174.0950, 16.2222, 23.5957



173.0710, -7.4300, 49.9267



161.3500, -14.4695, -25.7399



151.7570, 14.9098, -69.0699

Sweetspot

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



174.0950, 16.2222, 23.5957



242.6620, 6.0826, 9.0664



163.5640, 21.4139, -8.3876



119.7710, 4.0569, 5.4628



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.



174.0950, 16.2222, 23.5957



205.9360, 24.1886, 35.1361



173.6090, 6.6018, 29.2839



97.9450, 3.4781, 4.4332



63.7030, 51.4184, 74.8055



15.4380, 12.6021, 18.0329

Inverse Universe

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



170.5310, -5.1918, 31.9833



200.6470, -7.7140, 47.6676



187.3910, -6.6018, -29.2839



97.4030, -1.1847, 6.6626



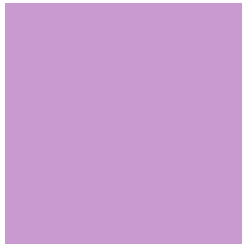
52.3980, -16.4652, 101.3830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 174.0950, 16.2222, 23.5957 looks on a white background.

Color Contrast Check

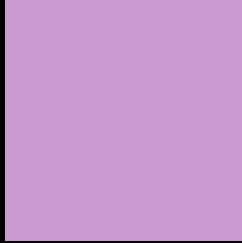
Large Text (above 18pt) WCAG AA × Fail

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 174.0950, 16.2222, 23.5957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

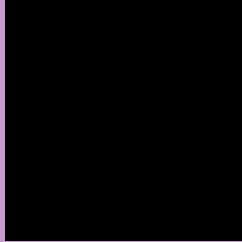
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.0950, 16.2222, 23.5957

Background



This preview shows how black text looks on a background with the YUV color 174.0950, 16.2222, 23.5957.



This preview shows how white text looks on a background with the YUV color 174.0950, 16.2222, 23.5957.

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

174.0950, 16.2222, 23.5957

Protanopia

170.5960, 22.8772, -11.0467

Deuteranopia

171.3430, 16.5929, -2.0548



Tritanopia

172.2460, 0.3717, 20.8323

Trichromacy



Original Color

174.0950, 16.2222, 23.5957

Protanomaly

171.9890, 20.2184, 1.7636

Deuteranomaly

172.6970, 16.4184, 7.2817

Tritanomaly

173.0380, 5.8973, 21.8917

Monochromacy



Original Color

174.0950, 16.2222, 23.5957

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2490, 5.7932, 8.5516

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0950, 16.2222, 23.5957 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, 154, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 154, 207)  
}
```

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, 154, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 154, 207) }
```

Border

The CSS property to change the border of an element to YUV 174.0950, 16.2222, 23.5957 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, 154, 207) }
```


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

```
.border{ border-color:rgb(201, 154, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 154, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 154, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 154, 207);  
box-shadow:4px 4px 4px 4px rgb(201, 154,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 174.0950, 16.2222, 23.5957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 154, 207) }
```

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

```
.background{ background-color: rgb(201,  
154, 207) }
```

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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