

Converting Colors

YUV(175.0720, 0.9505, 21.8619)

Have a look what the booklet for
YUV(175.0720, 0.9505, 21.8619)
contains.

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Color

**YUV(175.0720, 0.9505,
21.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	C8A2B1
RGB	200, 162, 177
RGB Percent	78%, 64%, 69%
CMY	0.2157, 0.3647, 0.3059
CMYK	0.00, 0.19, 0.12, 0.22
HSL	336°, 26%, 71%
HSV	336°, 19%, 78%
XYZ	44.6756, 41.2943, 47.2109
YIQ	175.0720, 17.8330, 12.7210

Conversions

Conversions Part 2

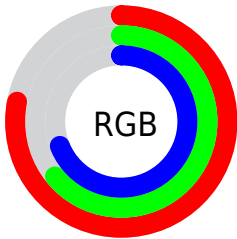
Format	Color
R _Y B	200, 162, 177
Decimal	13148849
CIE Lab	70.38, 16.42, -2.44
CIE LCh	70, 16.605, 351.542
Yxy	41.2943, 0.3355, 0.3101
Android (android.graphics.Color)	4291338929 (0xFFC8A2B1)
YUV	175.0720, 0.9505, 21.8619
Hunter-Lab	64.2607, 11.6413, 1.4234

Details

The YUV color $175.0720, 0.9505, 21.8619$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $186.9280, -0.9505, -21.8619$, and the grayscale version is $175.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $230.1860, 1.3873, 21.7619$, and $122.3600, 0.8085, 20.7323$ is the 20% darker color. If you saturate the color by 10%, you get $161.9640, 1.4967, 33.3576$, and if you desaturate by 10%, it is $188.1800, 0.4043, 10.3661$.

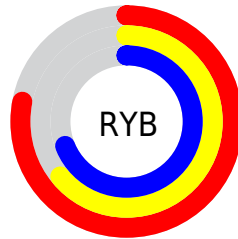
Distribution



Red (78%)

Green (64%)

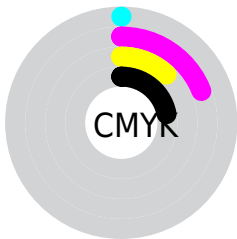
Blue (69%)



Red (78%)

Yellow (64%)

Blue (69%)

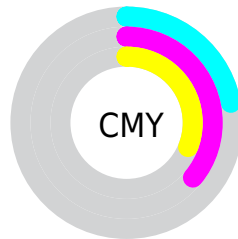


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0720, 0.9505, 21.8619 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 175.0720, 0.9505, 21.8619 by changing the saturation by 10% instead.

 175.0720, 0.9505,
21.8619


 175.0720, 0.9505,
21.8619

255.0000, 0.0000,
0.0000


 148.3600, 0.8085,
20.7323

 230.1860, 1.3873,
21.7619

 122.3600, 0.8085,
20.7323

 249.1300, 2.8939,
5.1480

 97.7620, 1.1033,
19.5027

 73.4630, 1.2507,
18.8879

 50.4520, 1.2562,
17.1436

 28.8540, 1.5510,
15.9140

 9.5830, -0.7804,

17.0287

■ 0.0000, 0.0000,
0.0000

■ 175.0720, 0.9505,
21.8619

■ 175.0720, 0.9505,
21.8619

■ 161.9640, 1.4967,
33.3576

■ 188.1800, 0.4043,
10.3661

■ 148.8560, 2.0430,
44.8533

■ 201.2880, -0.1420,
-1.1296

■ 135.7480, 2.5892,
56.3490

■ 214.3960, -0.6882,
-12.6253

■ 122.6400, 3.1355,
67.8447

■ 227.5040, -1.2345,
-24.1210

■ 109.4180, 3.2449,
79.4404

■ 236.6170, 0.6818,
-32.1131

■ 96.3100, 3.7912,
90.9361

■ 237.9850, 5.9234,
-33.3128

■ 83.2020, 4.3374,
102.4318

■ 238.5550, 8.1074,
-33.8127

■ 70.0940, 4.8837,
113.9276

■ 68.8060, 5.0256,
115.0571

Harmonies

Analogous

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



174.8410, 7.9664, 11.5404



175.0720, 0.9505, 21.8619



174.5580, -6.1911, 25.8206

Triad

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



175.0720, 0.9505, 21.8619



170.5690, -13.0985, 1.2550



167.9670, 13.3273, -28.0351

Complementary

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



175.0720, 0.9505, 21.8619



186.9280, -0.9505, -21.8619

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.



166.5770, 8.0965, -30.3240



175.0720, 0.9505, 21.8619



168.2730, -7.5296, -11.6404

Square

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



175.0720, 0.9505, 21.8619



172.3040, -14.4469, 13.7654



167.1450, -0.0715, -23.8062



170.6030, 15.4787, -18.0688

Rectangle

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



175.0720, 0.9505, 21.8619



174.1080, -10.4062, 24.4613



167.1450, -0.0715, -23.8062



167.3150, 12.1697, -30.0943

Sweetspot

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



175.0720, 0.9505, 21.8619



245.1690, 0.4097, 8.6218



173.2090, 13.2080, 10.3407



122.0330, -0.0163, 5.2331



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.



175.0720, 0.9505, 21.8619



216.3770, 1.7861, 33.8724



175.7100, -6.7590, 21.3023



93.0330, -0.0163, 5.2331



56.0330, 3.9277, 93.8101



12.3600, 0.8085, 20.7323

Inverse Universe

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



175.0720, 0.9505, 21.8619



216.3770, 1.7861, 33.8724



186.2900, 6.7590, -21.3023



93.0330, -0.0163, 5.2331



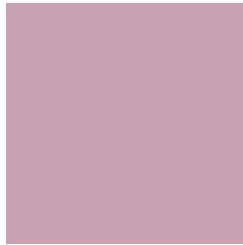
56.0330, 3.9277, 93.8101



12.3600, 0.8085, 20.7323

Previews

White Background



This preview shows how the YUV color 175.0720, 0.9505, 21.8619 looks on a white background.

Color Contrast Check

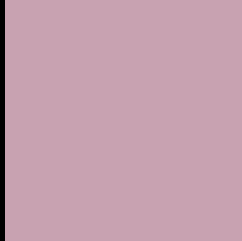
Large Text (above 18pt) WCAG AA × Fail

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 175.0720, 0.9505, 21.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

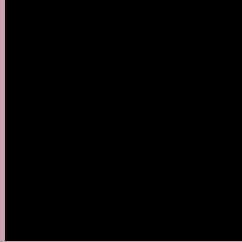
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.0720, 0.9505, 21.8619

Background



This preview shows how black text looks on a background with the YUV color 175.0720, 0.9505, 21.8619.



This preview shows how white text looks on a background with the YUV color 175.0720, 0.9505,

21.8619.

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

175.0720, 0.9505, 21.8619

Protanopia

172.6670, 5.0942, -0.5850

Deuteranopia

174.0060, 0.9830, 11.3957



Tritanopia

174.8440, 0.0769, 22.0618

Trichromacy



Original Color

175.0720, 0.9505, 21.8619

Protanomaly

173.6680, 3.6147, 7.3072

Deuteranomaly

174.3270, 0.8248, 15.4992

Tritanomaly

174.9580, 0.5137, 21.9618

Monochromacy



Original Color

175.0720, 0.9505, 21.8619

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8700, 0.5571, 8.0070

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0720, 0.9505, 21.8619 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(200, 162, 177)` looks like.

```
.text, #text, p{  
    color:rgb(200, 162, 177)  
}
```

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(200, 162, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 162, 177) }
```

Border

The CSS property to change the border of an element to YUV 175.0720, 0.9505, 21.8619 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(200, 162, 177) }
```


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

```
.border{ border-color:rgb(200, 162, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 162, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 162, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 162, 177);  
box-shadow:4px 4px 4px 4px rgb(200, 162,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 175.0720, 0.9505, 21.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 162, 177) }
```

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

```
.background{ background-color: rgb(200,  
162, 177) }
```

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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