

Converting Colors

YUV(174.9520, 2.9817, 23.7211)

Have a look what the booklet for
YUV(174.9520, 2.9817, 23.7211)
contains.

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Color

**YUV(174.9520, 2.9817,
23.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA0B5
RGB	202, 160, 181
RGB Percent	79%, 63%, 71%
CMY	0.2078, 0.3725, 0.2902
CMYK	0.00, 0.21, 0.10, 0.21
HSL	330°, 28%, 71%
HSV	330°, 21%, 79%
XYZ	45.2684, 41.0344, 49.2506
YIQ	174.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

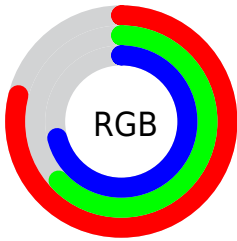
Format	Color
R _Y B	202, 160, 181
Decimal	13279413
CIE Lab	70.20, 18.92, -4.90
CIE LCh	70, 19.545, 345.466
Yxy	41.0344, 0.3340, 0.3027
Android (android.graphics.Color)	4291469493 (0xFFCAA0B5)
YUV	174.9520, 2.9817, 23.7211
Hunter-Lab	64.0581, 14.0404, -0.7440

Details

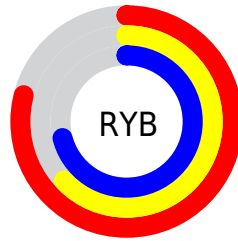
The YUV color **174.9520, 2.9817, 23.7211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **187.0480, -2.9817, -23.7211**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4680, 3.7133, 22.3916**, and **121.9410, 2.9871, 21.9767** is the 20% darker color. If you saturate the color by 10%, you get **162.0720, 4.4015, 35.0169**, and if you desaturate by 10%, it is **187.8320, 1.5618, 12.4253**.

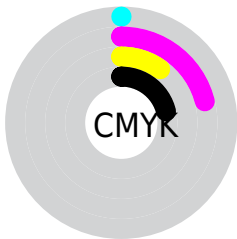
Distribution



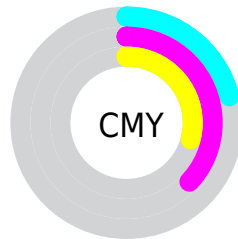
- Red (79%)
- Green (63%)
- Blue (71%)



- Red (79%)
- Yellow (63%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (10%)
- Black (21%)





- Cyan (21%)
- Magenta (37%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.9520, 2.9817, 23.7211 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 174.9520, 2.9817, 23.7211 by changing the saturation by 10% instead.


 174.9520, 2.9817,
23.7211

 174.9520, 2.9817,
23.7211

255.0000, 0.0000,
0.0000

 148.2400, 2.8397,
22.5915


 229.4680, 3.7133,
22.3916

 121.9410, 2.9871,
21.9767

 247.9560, 3.4727,
6.1776

 97.2290, 2.8451,
20.8472

 72.9300, 2.9925,
20.2324

 50.2180, 2.8505,
19.1028

 28.6200, 3.1453,
17.8733

 10.7510, 1.1088,

17.7584

■ 0.0000, 0.0000,
0.0000

■ 174.9520, 2.9817,
23.7211

■ 174.9520, 2.9817,
23.7211

■ 162.0720, 4.4015,
35.0169

■ 187.8320, 1.5618,
12.4253

■ 149.1920, 5.8213,
46.3126

■ 200.7120, 0.1420,
1.1296

■ 135.7250, 7.5306,
58.1232

■ 214.1790, -1.5672,
-10.6810

■ 122.8450, 8.9504,
69.4189

■ 227.0590, -2.9871,
-21.9767

■ 109.9650, 10.3703,
80.7147

■ 236.5310, -2.2338,
-30.2837

■ 96.9710, 11.3533,
92.1104

■ 237.6710, 2.1342,
-31.2835

■ 84.0910, 12.7731,
103.4062

■ 238.8110, 6.5022,
-32.2832

■ 71.9120, 14.3404,
114.0872

■ 239.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



174.3400, 11.1714, 10.2258



174.9520, 2.9817, 23.7211



174.4060, -5.6232, 30.3389

Triad

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



174.9520, 2.9817, 23.7211



169.7930, -16.1669, 5.4435



165.3790, 15.0962, -35.4124

Complementary

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



174.9520, 2.9817, 23.7211



187.0480, -2.9817, -23.7211

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.



164.7290, 7.5286, -34.8423



174.9520, 2.9817, 23.7211



167.4750, -10.5872, -10.9406

Square

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



174.9520, 2.9817, 23.7211



171.4680, -16.4997, 18.8836



165.6780, -1.8133, -25.1506



168.8410, 17.8264, -24.4166

Rectangle

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



174.9520, 2.9817, 23.7211



173.7280, -10.7119, 29.1795



165.6780, -1.8133, -25.1506



164.9120, 13.3544, -36.7568

Sweetspot

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



174.9520, 2.9817, 23.7211



245.2830, 0.8465, 8.5218



171.0670, 15.2500, 8.7112



122.1470, 0.4205, 5.1331



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.



174.9520, 2.9817, 23.7211



213.7840, 4.5435, 36.1464



172.5580, -6.1911, 25.8206



95.5600, 0.7099, 5.6479



59.0960, 11.7847, 93.7548



13.5280, 2.6977, 21.4619

Inverse Universe

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



174.9520, 2.9817, 23.7211



213.7840, 4.5435, 36.1464



189.4420, 6.1911, -25.8206



95.5600, 0.7099, 5.6479



59.0960, 11.7847, 93.7548



13.5280, 2.6977, 21.4619

Previews

White Background



This preview shows how the YUV color 174.9520, 2.9817, 23.7211 looks on a white background.

Color Contrast Check

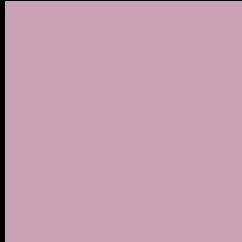
Large Text (above 18pt) WCAG AA × Fail

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 174.9520, 2.9817, 23.7211 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 174.9520, 2.9817, 23.7211

Background



This preview shows how black text looks on a background with the YUV color 174.9520, 2.9817, 23.7211.



This preview shows how white text looks on a background with the YUV color 174.9520, 2.9817,

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

174.9520, 2.9817, 23.7211

Protanopia

172.6390, 7.5730, -2.3144

Deuteranopia

173.8640, 3.0250, 9.7663



Tritanopia

174.4420, -0.2179, 23.2914

Trichromacy



Original Color

174.9520, 2.9817, 23.7211

Protanomaly

173.5370, 5.6513, 7.4221

Deuteranomaly

173.8970, 3.0088, 14.9993

Tritanomaly

174.7840, 1.0925, 22.9914

Monochromacy



Original Color

174.9520, 2.9817, 23.7211

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.2830, 0.8465, 8.5218

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.9520, 2.9817, 23.7211 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(202, 160, 181)` looks like.

```
.text, #text, p{  
    color:rgb(202, 160, 181)  
}
```

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(202, 160, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 160, 181) }
```

Border

The CSS property to change the border of an element to YUV 174.9520, 2.9817, 23.7211 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(202, 160, 181) }
```


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

```
.border{ border-color:rgb(202, 160, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 160, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 160, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 160, 181);  
box-shadow:4px 4px 4px 4px rgb(202, 160,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 174.9520, 2.9817, 23.7211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 160, 181) }
```

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

```
.background{ background-color: rgb(202,  
160, 181) }
```

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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