

Converting Colors

YUV(165.9520, 2.9817, 23.7211)

Have a look what the booklet for
YUV(165.9520, 2.9817, 23.7211)
contains.

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Color

**YUV(165.9520, 2.9817,
23.7211)**

Conversions

Conversions Part 1

Format	Color
Hex	C197AC
RGB	193, 151, 172
RGB Percent	76%, 59%, 67%
CMY	0.2431, 0.4078, 0.3255
CMYK	0.00, 0.22, 0.11, 0.24
HSL	330°, 25%, 67%
HSV	330°, 22%, 76%
XYZ	40.5053, 36.4492, 43.9303
YIQ	165.9520, 18.2910, 15.4350

Conversions

Conversions Part 2

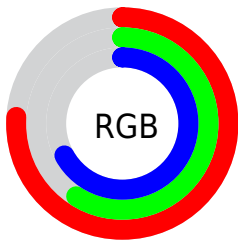
Format	Color
RYB	193, 151, 172
Decimal	12687276
CIELab	66.86, 19.10, -4.92
CIElCh	67, 19.726, 345.557
Yxy	36.4492, 0.3351, 0.3015
Android (android.graphics.Color)	4290877356 (0xFFC197AC)
YUV	165.9520, 2.9817, 23.7211
Hunter-Lab	60.3732, 14.1053, -0.8808

Details

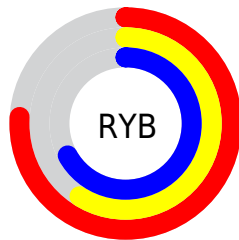
The YUV color **165.9520, 2.9817, 23.7211** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **178.0480, -2.9817, -23.7211**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9630, 2.9762, 25.4654**, and **113.9410, 2.9871, 21.9767** is the 20% darker color. If you saturate the color by 10%, you get **153.6590, 4.1121, 34.5021**, and if you desaturate by 10%, it is **178.2450, 1.8512, 12.9401**.

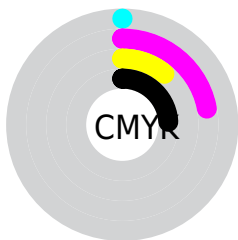
Distribution



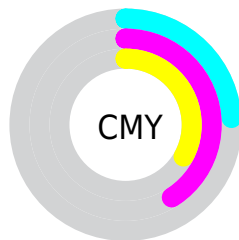
- Red (76%)
- Green (59%)
- Blue (67%)



- Red (76%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (24%)





- Cyan (24%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.9520, 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 165.9520, 2.9817, 23.7211 by changing the saturation by 10% instead.


 165.9520, 2.9817,
23.7211

 165.9520, 2.9817,
23.7211


255.0000, 0.0000,
0.0000


 139.5390, 2.6923,
23.2063


 220.9630, 2.9762,
25.4654

 113.9410, 2.9871,
21.9767

 242.6730, 6.0772,
10.8108

 89.2290, 2.8451,
20.8472

 65.5170, 2.7031,
19.7176

 42.9190, 2.9979,
18.4880

 20.7340, 3.5821,
17.7733

 4.1860, -2.0637,

8.6069

0.0000, 0.0000,
0.0000

165.9520, 2.9817,
23.7211

165.9520, 2.9817,
23.7211

153.6590, 4.1121,
34.5021

178.2450, 1.8512,
12.9401

140.8930, 5.9688,
45.6978

191.0110, -0.0054,
1.7444

128.6000, 7.0992,
56.4788

203.3040, -1.1359,
-9.0366

116.3070, 8.2296,
67.2598

215.5970, -2.2663,
-19.8176

104.1280, 9.7969,
77.9407

228.3630, -4.1230,
-31.0134

■ 91.2480, 11.2167,
89.2365

■ 233.6120, -1.7807,
-35.6167

■ 78.9550, 12.3472,
100.0175

■ 234.7520, 2.5873,
-36.6165

■ 68.7650, 13.9199,
108.9541

■ 235.7780, 6.5184,
-37.5163

■ 236.4620, 9.1392,
-38.1162

Harmonies

Analogous

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



165.3400, 11.1714, 10.2258



165.9520, 2.9817, 23.7211



165.4060, -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.



165.9520, 2.9817, 23.7211



160.7930, -16.1669, 5.4435



156.3790, 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.



165.9520, 2.9817, 23.7211



178.0480, -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.



155.4300, 7.6760, -35.4571



165.9520, 2.9817, 23.7211



158.4750, -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.



165.9520, 2.9817, 23.7211



163.0550, -16.7891, 18.3688



156.3790, -1.6658, -25.7654



159.6560, 18.4106, -25.1313

Rectangle

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



165.9520, 2.9817, 23.7211



164.7280, -10.7119, 29.1795



156.3790, -1.6658, -25.7654



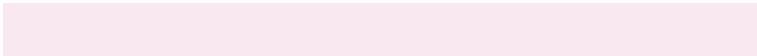
155.9120, 13.3544, -36.7568

Sweetspot

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



165.9520, 2.9817, 23.7211



238.4080, 1.2779, 10.1662



162.0670, 15.2500, 8.7112



118.5600, 0.7099, 5.6479



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.9520, 2.9817, 23.7211



208.0830, 4.3961, 36.7612



163.5580, -6.1911, 25.8206



90.5600, 0.7099, 5.6479



57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880

Inverse Universe

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



165.9520, 2.9817, 23.7211



208.0830, 4.3961, 36.7612



180.4420, 6.1911, -25.8206



90.5600, 0.7099, 5.6479



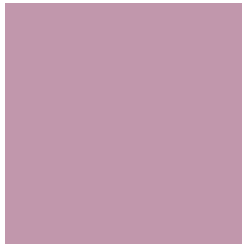
57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 165.9520, 2.9817, 23.7211 looks on a white background.

Color Contrast Check

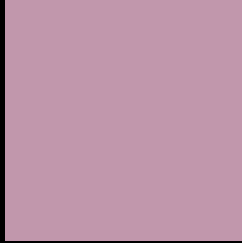
Large Text (above 18pt) WCAG AA × Fail

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 165.9520, 2.9817, 23.7211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

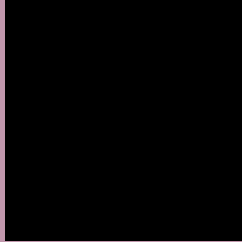
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.9520, 2.9817, 23.7211

Background



This preview shows how black text looks on a background with the YUV color 165.9520, 2.9817, 23.7211.



This preview shows how white text looks on a background with the YUV color 165.9520, 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

165.9520, 2.9817, 23.7211

Protanopia

163.6390, 7.5730, -2.3144

Deuteranopia

164.5650, 3.1725, 9.1515



Tritanopia

165.3280, -0.6547, 23.3913

Trichromacy



Original Color

165.9520, 2.9817, 23.7211

Protanomaly

164.5370, 5.6513, 7.4221

Deuteranomaly

164.8970, 3.0088, 14.9993

Tritanomaly

165.6700, 0.6557, 23.0914

Monochromacy



Original Color

165.9520, 2.9817, 23.7211

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2830, 0.8465, 8.5218

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9520, 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(193, 151, 172)` looks like.

```
.text, #text, p{  
    color:rgb(193, 151, 172)  
}
```

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(193, 151, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 151, 172) }
```

Border

The CSS property to change the border of an element to YUV 165.9520, 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(193, 151, 172) }
```


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

```
.border{ border-color:rgb(193, 151, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 151, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 151, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 151, 172);  
box-shadow:4px 4px 4px 4px rgb(193, 151,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 165.9520, 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(193, 151, 172) }
```

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

```
.background{ background-color: rgb(193,  
151, 172) }
```

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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