

Converting Colors

YUV(166.3720, -4.1274,
17.2138)

Have a look what the booklet for
YUV(166.3720, -4.1274, 17.2138)
contains.

YUV(166.3720, -4.1274, 17.2138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(166.3720, -4.1274,
17.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9E9E
RGB	186, 158, 158
RGB Percent	73%, 62%, 62%
CMY	0.2706, 0.3804, 0.3804
CMYK	0.00, 0.15, 0.15, 0.27
HSL	0°, 17%, 67%
HSV	0°, 15%, 73%
XYZ	38.6481, 37.3614, 37.5223
YIQ	166.3720, 16.6880, 5.9360

Conversions

Conversions Part 2

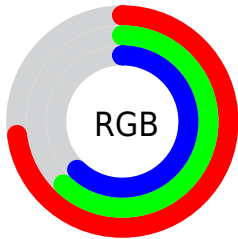
Format	Color
RYB	186, 158, 158
Decimal	12230302
CIELab	67.55, 10.31, 3.83
CIELCh	68, 10.995, 20.376
Yxy	37.3614, 0.3404, 0.3291
Android (android.graphics.Color)	4290420382 (0xFFBA9E9E)
YUV	166.3720, -4.1274, 17.2138
Hunter-Lab	61.1240, 5.8968, 6.3904

Details

The YUV color **166.3720, -4.1274, 17.2138** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **177.6280, 4.1274, -17.2138**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6710, -4.2748, 17.8285**, and **114.7740, -3.8326, 15.9842** is the 20% darker color. If you saturate the color by 10%, you get **153.0530, -6.9281, 28.8945**, and if you desaturate by 10%, it is **179.6910, -1.3267, 5.5330**.

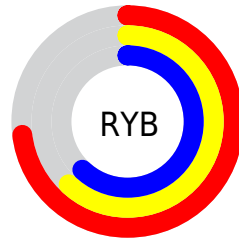
Distribution



Red (73%)

Green (62%)

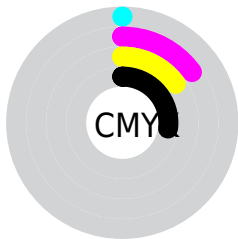
Blue (62%)



Red (73%)

Yellow (62%)

Blue (62%)

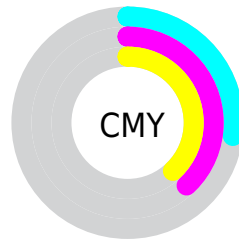


Cyan (0%)

Magenta (15%)

Yellow (15%)

Black (27%)



Cyan (27%)


Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3720, -4.1274, 17.2138 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 166.3720, -4.1274, 17.2138 by changing the saturation by 10% instead.

 166.3720, -4.1274,
17.2138


 166.3720, -4.1274,
17.2138


255.0000, 0.0000,
0.0000


 140.0730, -3.9800,
16.5990


 221.6710, -4.2748,
17.8285


 114.7740, -3.8326,
15.9842

 245.1860, -2.0637,
8.6069

 89.5890, -3.2484,
15.2694

 65.9910, -2.9536,
14.0399

 43.6920, -2.8062,
13.4251

 22.9800, -2.9481,
12.2955

 0.0000, 0.0000,

0.0000

166.3720, -4.1274,
17.2138

166.3720, -4.1274,
17.2138

153.0530, -6.9281,
28.8945

179.6910, -1.3267,
5.5330

140.4350, -9.5815,
39.9605

192.3090, 1.3267,
-5.5330

127.1160,
-12.3822, 51.6413

205.6280, 4.1274,
-17.2138

114.4980,
-15.0355, 62.7073

218.2460, 6.7807,
-28.2797

101.1790,
-17.8362, 74.3880

231.5650, 9.5815,
-39.9605

87.8600, -20.6370,
86.0688

234.3690, 10.1711,
-42.4196

■ 75.2420, -23.2903,
97.1348

■ 61.9230, -26.0910,
108.8155

■ 55.6140, -27.4177,
114.3485

Harmonies

Analogous

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



166.6150, 0.6828, 14.3696



166.3720, -4.1274, 17.2138



165.7370, -7.7583, 15.1397

Triad

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



166.3720, -4.1274, 17.2138



162.5770, -5.2145, -7.5220



163.2680, 10.2209, -11.6360

Complementary

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



166.3720, -4.1274, 17.2138



177.6280, 4.1274, -17.2138

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.



162.0670, 8.3480, -17.5988



166.3720, -4.1274, 17.2138



161.2000, -0.0986, -15.0844

Square

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



166.3720, -4.1274, 17.2138



163.4210, -8.5886, 1.3848



161.1440, 4.8590, -18.5433



165.2800, 8.7360, -1.9996

Rectangle

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



166.3720, -4.1274, 17.2138



165.2590, -9.4947, 12.0509



161.1440, 4.8590, -18.5433



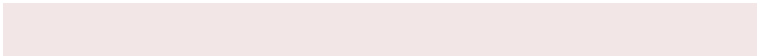
162.8440, 9.9369, -13.8952

Sweetspot

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



166.3720, -4.1274, 17.2138



233.5880, -1.7689, 7.3773



169.5640, 8.1029, 14.4144



117.0930, -1.0318, 4.3034



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



166.3720, -4.1274, 17.2138



211.8570, -6.3385, 26.4354



174.5900, -8.1789, 10.0066



85.6910, -1.3267, 5.5330



46.6440, -22.9955, 95.9052



8.3720, -4.1274, 17.2138

Inverse Universe

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



177.6280, 4.1274, -17.2138



229.1430, 6.3385, -26.4354



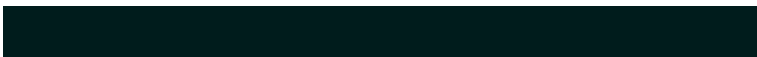
169.4100, 8.1789, -10.0066



89.3090, 1.3267, -5.5330



109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

Previews

White Background



This preview shows how the YUV color 166.3720, -4.1274, 17.2138 looks on a white background.

Color Contrast Check

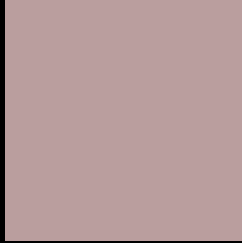
Large Text (above 18pt) WCAG AA × Fail

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 166.3720, -4.1274, 17.2138 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 166.3720, -4.1274, 17.2138

Background



This preview shows how black text looks on a background with the YUV color 166.3720, -4.1274, 17.2138.



This preview shows how white text looks on a background with the YUV color 166.3720, -4.1274,

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

166.3720, -4.1274, 17.2138

Protanopia

164.8540, -1.9000, 2.7590

Deuteranopia

166.0620, -3.9746, 14.8546



Tritanopia

166.7510, 1.1088, 17.7584

Trichromacy



Original Color

166.3720, -4.1274, 17.2138

Protanomaly

165.6590, -2.7899, 8.1921

Deuteranomaly

166.3610, -4.1220, 15.4694

Tritanomaly

166.8820, -0.9278, 17.6435

Monochromacy



Original Color

166.3720, -4.1274, 17.2138

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9900, -1.4741, 6.1478

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3720, -4.1274, 17.2138 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(186, 158, 158)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 158)  
}
```

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(186, 158, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 158) }
```

Border

The CSS property to change the border of an element to YUV 166.3720, -4.1274, 17.2138 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(186, 158, 158) }
```


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

```
.border{ border-color:rgb(186, 158, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 158);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 166.3720, -4.1274, 17.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 158) }
```

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

```
.background{ background-color: rgb(186,  
158, 158) }
```

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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