

Converting Colors

YUV(170.9620, 4.4557, 17.5733)

Have a look what the booklet for
YUV(170.9620, 4.4557, 17.5733)
contains.

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Color

**YUV(170.9620, 4.4557,
17.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	BF9FB4
RGB	191, 159, 180
RGB Percent	75%, 62%, 71%
CMY	0.2510, 0.3765, 0.2941
CMYK	0.00, 0.17, 0.06, 0.25
HSL	321°, 20%, 69%
HSV	321°, 17%, 75%
XYZ	42.1222, 39.1679, 48.5201
YIQ	170.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

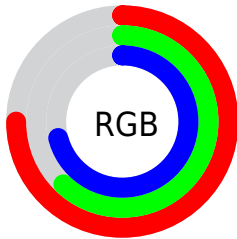
Format	Color
RYB	191, 159, 180
Decimal	12558260
CIELab	68.87, 15.38, -6.43
CIElCh	69, 16.667, 337.305
Yxy	39.1679, 0.3245, 0.3017
Android (android.graphics.Color)	4290748340 (0xFFBF9FB4)
YUV	170.9620, 4.4557, 17.5733
Hunter-Lab	62.5843, 10.6165, -2.1571

Details

The YUV color **170.9620, 4.4557, 17.5733** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **179.0380, -4.4557, -17.5733**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6740, 4.5977, 18.7029**, and **118.2500, 4.3138, 16.4438** is the 20% darker color. If you saturate the color by 10%, you get **159.0110, 6.8966, 28.0544**, and if you desaturate by 10%, it is **182.9130, 2.0149, 7.0923**.

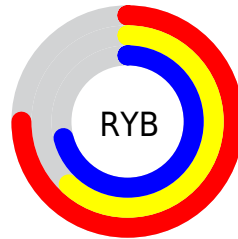
Distribution



Red (75%)

Green (62%)

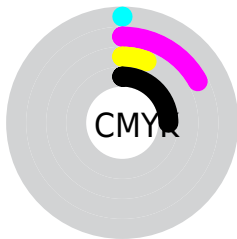
Blue (71%)



Red (75%)

Yellow (62%)

Blue (71%)

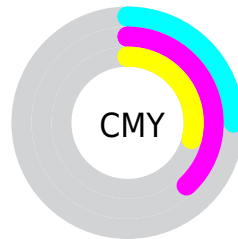


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (25%)



Cyan (25%)

Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9620, 4.4557, 17.5733 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 170.9620, 4.4557, 17.5733 by changing the saturation by 10% instead.

 170.9620, 4.4557,
17.5733

 170.9620, 4.4557,
17.5733

255.0000, 0.0000,
0.0000

 144.5490, 4.1663,
17.0585


 226.6740, 4.5977,
18.7029


 118.2500, 4.3138,
16.4438

 247.3690, 3.7621,
6.6924

 93.8370, 4.0244,
15.9290

 70.1250, 3.8824,
14.7994

 47.4130, 3.7404,
13.6698

 26.1140, 3.8878,
13.0550

 7.2340, 1.8566,

11.1958

■ 0.0000, 0.0000,
0.0000

■ 170.9620, 4.4557,
17.5733

■ 170.9620, 4.4557,
17.5733

■ 159.0110, 6.8966,
28.0544

■ 182.9130, 2.0149,
7.0923

■ 147.1740, 9.7742,
38.4354

■ 194.7500, -0.8628,
-3.2887

■ 135.2230, 12.2151,
48.9164

■ 206.7010, -3.3036,
-13.7698

■ 123.3860, 15.0927,
59.2975

■ 218.5380, -6.1812,
-24.1508

■ 111.4350, 17.5335,
69.7785

■ 231.0760, -8.9115,
-35.1467

■ 99.0110, 20.7006,
80.6744

■ 231.7600, -6.2907,
-35.7465

■ 87.0600, 23.1414,
91.1554

■ 232.5580, -3.2331,
-36.4464

■ 75.1090, 25.5823,
101.6364

■ 233.3560, -0.1755,
-37.1462

■ 71.3590, 26.4450,
104.9252

■ 234.0400, 2.4453,
-37.7461

Harmonies

Analogous

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



169.8940, 10.8983, 4.4780



170.9620, 4.4557, 17.5733



171.0570, -2.9861, 24.5060

Triad

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



170.9620, 4.4557, 17.5733



166.9720, -14.2832, 7.9176



163.0870, 11.2961, -29.8943

Complementary

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



170.9620, 4.4557, 17.5733



179.0380, -4.4557, -17.5733

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.



162.5620, 4.1599, -27.6799



170.9620, 4.4557, 17.5733



165.5080, -10.6034, -5.7075

Square

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



170.9620, 4.4557, 17.5733



168.5650, -13.5895, 18.7985



163.8530, -3.8715, -18.2881



165.0430, 14.7688, -23.7167

Rectangle

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



170.9620, 4.4557, 17.5733



170.2160, -7.5015, 26.1206



163.8530, -3.8715, -18.2881



162.2180, 9.2595, -30.0092

Sweetspot

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



170.9620, 4.4557, 17.5733



239.5000, 1.7255, 6.5775



165.9370, 12.3561, 3.5633



119.9620, 1.0047, 4.4183



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.



170.9620, 4.4557, 17.5733



216.2990, 6.7546, 26.9248



169.1380, -2.5330, 19.1730



88.3750, 1.2941, 4.9331



59.0980, 22.1367, 86.7371



11.5490, 4.1663, 17.0585

Inverse Universe

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



170.9620, 4.4557, 17.5733



216.2990, 6.7546, 26.9248



180.8620, 2.5330, -19.1730



88.3750, 1.2941, 4.9331



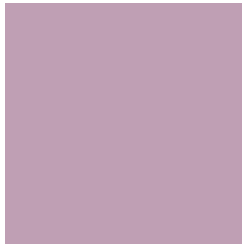
59.0980, 22.1367, 86.7371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 170.9620, 4.4557, 17.5733 looks on a white background.

Color Contrast Check

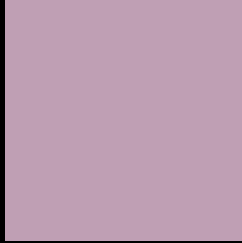
Large Text (above 18pt) WCAG AA × Fail

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 170.9620, 4.4557, 17.5733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

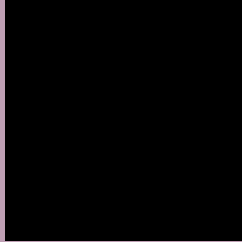
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.9620, 4.4557, 17.5733

Background



This preview shows how black text looks on a background with the YUV color 170.9620, 4.4557, 17.5733.



This preview shows how white text looks on a background with the YUV color 170.9620, 4.4557,

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

170.9620, 4.4557, 17.5733

Protanopia

168.7530, 8.0098, -2.4144

Deuteranopia

169.9070, 4.4828, 8.8516



Tritanopia

170.4520, 1.2562, 17.1436

Trichromacy



Original Color

170.9620, 4.4557, 17.5733

Protanomaly

169.4550, 6.6777, 4.8630

Deuteranomaly

170.5160, 4.1826, 11.8255

Tritanomaly

170.7940, 2.5666, 16.8437

Monochromacy



Original Color

170.9620, 4.4557, 17.5733

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9620, 4.4557, 17.5733 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(191, 159, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 159, 180)  
}
```

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(191, 159, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 159, 180) }
```

Border

The CSS property to change the border of an element to YUV 170.9620, 4.4557, 17.5733 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(191, 159, 180) }
```


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

```
.border{ border-color:rgb(191, 159, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 159, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 159, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 159, 180); box-shadow:4px 4px 4px 4px rgb(191, 159, 180) }
```

Background

The CSS property to change the background color of an element to YUV 170.9620, 4.4557, 17.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 159, 180) }
```

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

```
.background{ background-color: rgb(191,  
159, 180) }
```

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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