

Converting Colors

YUV(170.0370, 7.3768, 13.9996)

Have a look what the booklet for
YUV(170.0370, 7.3768, 13.9996)
contains.

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Color

**YUV(170.0370, 7.3768,
13.9996)**

Conversions

Conversions Part 1

Format	Color
Hex	BA9FB9
RGB	186, 159, 185
RGB Percent	73%, 62%, 73%
CMY	0.2706, 0.3765, 0.2745
CMYK	0.00, 0.15, 0.01, 0.27
HSL	302°, 16%, 68%
HSV	302°, 15%, 73%
XYZ	41.4048, 38.7382, 51.1939
YIQ	170.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

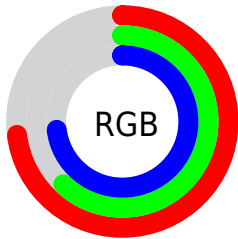
Format	Color
R_{YB}	186, 159, 185
Decimal	12230585
CIE Lab	68.56, 14.54, -9.72
CIE LCh	69, 17.494, 326.232
Yxy	38.7382, 0.3153, 0.2950
Android (android.graphics.Color)	4290420665 (0xFFBA9FB9)
YUV	170.0370, 7.3768, 13.9996
Hunter-Lab	62.2400, 9.8261, -5.1995

Details

The YUV color **170.0370, 7.3768, 13.9996** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174.9630, -7.3768, -13.9996**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.4500, 7.6662, 14.5144**, and **117.6240, 7.0874, 13.4848** is the 20% darker color. If you saturate the color by 10%, you get **158.7700, 12.4384, 23.8807**, and if you desaturate by 10%, it is **181.3040, 2.3151, 4.1184**.

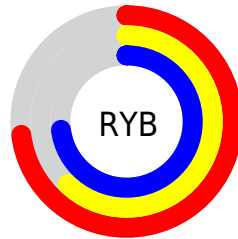
Distribution



Red (73%)

Green (62%)

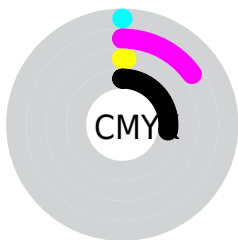
Blue (73%)



Red (73%)

Yellow (62%)

Blue (73%)

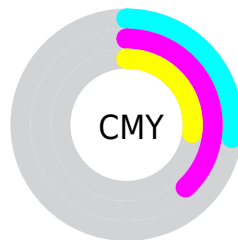


Cyan (0%)

Magenta (15%)

Yellow (1%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0370, 7.3768, 13.9996 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 170.0370, 7.3768, 13.9996 by changing the saturation by 10% instead.

 170.0370, 7.3768,
13.9996

 170.0370, 7.3768,
13.9996


255.0000, 0.0000,
0.0000

 143.6240, 7.0874,
13.4848


 225.4500, 7.6662,
14.5144

 117.6240, 7.0874,
13.4848

 247.3690, 3.7621,
6.6924

 92.9120, 6.9454,
12.3552

 69.4990, 6.6560,
11.8404

 46.9720, 5.9298,
11.4256

 25.3740, 6.2246,
10.1960

 5.8250, 5.5093,

6.2925

■ 0.0000, 0.0000,
0.0000

■ 170.0370, 7.3768,
13.9996

■ 170.0370, 7.3768,
13.9996

■ 158.7700, 12.4384,
23.8807

■ 181.3040, 2.3151,
4.1184

■ 148.2040, 17.6474,
33.1471

■ 191.8700, -2.8939,
-5.1480

■ 136.9370, 22.7091,
43.0283

■ 203.1370, -7.9555,
-15.0291

■ 126.2570, 27.4813,
52.3946

■ 213.8170,
-12.7278, -24.3955

■ 115.1040, 32.9797,
62.1758

■ 224.9700,
-18.2262, -34.1767

■ 103.8370, 38.0414,
72.0570

■ 226.8450,
-18.6576, -35.8211

■ 93.1570, 42.8136,
81.4233

■ 226.9590,
-18.2208, -35.9210

■ 81.8900, 47.8752,
91.3045

■ 227.0730,
-17.7840, -36.0210

■ 76.0200, 50.7691,
96.4525

Harmonies

Analogous

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



168.7300, 12.9511, -0.6402



170.0370, 7.3768, 13.9996



170.1540, -0.0759, 24.4209

Triad

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



170.0370, 7.3768, 13.9996



166.7770, -15.1731, 13.3506



161.3210, 9.7017, -31.8535

Complementary

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



170.0370, 7.3768, 13.9996



174.9630, -7.3768, -13.9996

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.



161.5900, 1.6811, -25.9504



170.0370, 7.3768, 13.9996



164.9710, -12.8037, 0.0254

Square

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



170.0370, 7.3768, 13.9996



168.1140, -12.8742, 22.7020



162.7780, -6.7926, -14.7143



163.0100, 14.7851, -28.9498

Rectangle

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



170.0370, 7.3768, 13.9996



169.4980, -5.1755, 26.7503



162.7780, -6.7926, -14.7143



160.9360, 6.9336, -30.6389

Sweetspot

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



170.0370, 7.3768, 13.9996



236.7170, 2.6045, 4.6332



162.3770, 11.6461, -2.0846



118.4780, 1.7363, 3.0888



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.



170.0370, 7.3768, 13.9996



217.8190, 11.4282, 21.2067



168.5550, 1.6984, 15.2993



86.6030, 2.1677, 4.7332



63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Inverse Universe

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



170.0370, 7.3768, 13.9996



217.8190, 11.4282, 21.2067



176.4450, -1.6984, -15.2993



86.6030, 2.1677, 4.7332



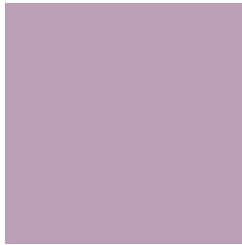
63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 170.0370, 7.3768, 13.9996 looks on a white background.

Color Contrast Check

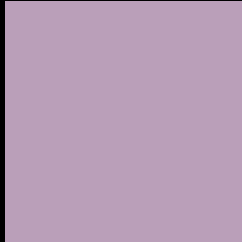
Large Text (above 18pt) WCAG AA × Fail

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 170.0370, 7.3768, 13.9996 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 170.0370, 7.3768, 13.9996

Background



This preview shows how black text looks on a background with the YUV color 170.0370, 7.3768, 13.9996.



This preview shows how white text looks on a background with the YUV color 170.0370, 7.3768,

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

170.0370, 7.3768, 13.9996

Protanopia

168.1380, 10.7780, -3.6290

Deuteranopia

169.2810, 7.2565, 5.8926



Tritanopia

169.3590, 2.2880, 12.8402

Trichromacy



Original Color

170.0370, 7.3768, 13.9996

Protanomaly

168.5410, 9.5933, 3.0335

Deuteranomaly

169.8900, 6.9562, 8.8665

Tritanomaly

169.5270, 4.1772, 13.5698

Monochromacy



Original Color

170.0370, 7.3768, 13.9996

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0160, 2.4571, 5.2480

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0370, 7.3768, 13.9996 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, 159, 185)` looks like.

```
.text, #text, p{  
    color:rgb(186, 159, 185)  
}
```

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, 159, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 159, 185) }
```

Border

The CSS property to change the border of an element to YUV 170.0370, 7.3768, 13.9996 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, 159, 185) }
```


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

```
.border{ border-color:rgb(186, 159, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 159, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 159, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 159, 185);  
box-shadow:4px 4px 4px 4px rgb(186, 159,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 170.0370, 7.3768, 13.9996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 159, 185) }
```

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

```
.background{ background-color: rgb(186,  
159, 185) }
```

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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