

Converting Colors

YUV(173.9650, 9.8773, 5.2927)

Have a look what the booklet for
YUV(173.9650, 9.8773, 5.2927)
contains.

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Color

**YUV(173.9650, 9.8773,
5.2927)**

Conversions

Conversions Part 1

Format	Color
Hex	B4A7C2
RGB	180, 167, 194
RGB Percent	71%, 65%, 76%
CMY	0.2941, 0.3451, 0.2392
CMYK	0.07, 0.14, 0.00, 0.24
HSL	269°, 18%, 71%
HSV	269°, 14%, 76%
XYZ	42.3787, 41.2358, 56.7646
YIQ	173.9650, -0.9190, 11.1530

Conversions

Conversions Part 2

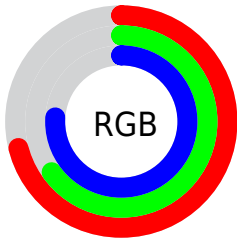
Format	Color
R_{YB}	180, 167, 194
Decimal	11839426
CIE Lab	70.34, 9.82, -12.10
CIE LCh	70, 15.586, 309.056
Yxy	41.2358, 0.3019, 0.2937
Android (android.graphics.Color)	4290029506 (0xFFB4A7C2)
YUV	173.9650, 9.8773, 5.2927
Hunter-Lab	64.2151, 5.4246, -7.4604

Details

The YUV color **173.9650, 9.8773, 5.2927** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **187.0350, -9.8773, -5.2927**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.4920, 10.6034, 5.7075**, and **121.4380, 9.1511, 4.8779** is the 20% darker color. If you saturate the color by 10%, you get **159.8220, 16.8498, 8.9261**, and if you desaturate by 10%, it is **188.1080, 2.9048, 1.6593**.

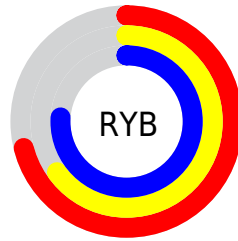
Distribution



Red (71%)

Green (65%)

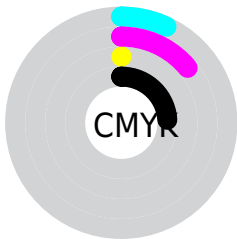
Blue (76%)



Red (71%)

Yellow (65%)

Blue (76%)

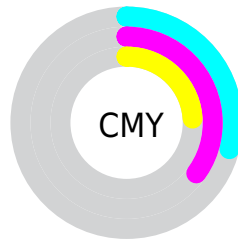


Cyan (7%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.9650, 9.8773, 5.2927 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 173.9650, 9.8773, 5.2927 by changing the saturation by 10% instead.

■ 173.9650, 9.8773,
5.2927

■ 173.9650, 9.8773,
5.2927

■ 255.0000, 0.0000,
0.0000

■ 147.5520, 9.5879,
4.7779

■ 229.4920, 10.6034,
5.7075

■ 121.4380, 9.1511,
4.8779

■ 252.6520, 1.1576,
2.0592

■ 97.0250, 8.8617,
4.3631

■ 72.9110, 8.4249,
4.4631

■ 50.4980, 8.1355,
3.9483

■ 29.0850, 7.8461,
3.4335

■ 6.7370, 9.0037,

5.4927

0.0000, 0.0000,
0.0000

173.9650, 9.8773,
5.2927

173.9650, 9.8773,
5.2927

159.8220, 16.8498,
8.9261

188.1080, 2.9048,
1.6593

145.0920, 24.1116,
13.0743

202.8380, -4.3571,
-2.4889

130.9490, 31.0841,
16.7077

216.9810,
-11.3296, -6.1223

116.2190, 38.3460,
20.8559

231.7110,
-18.5915, -10.2705

102.0760, 45.3185,
24.4893

240.5710,
-22.9595, -9.2708

■ 87.9330, 52.2910,
28.1228

■ 243.5610,
-24.4336, -3.1230

■ 73.2030, 59.5529,
32.2710

■ 246.5510,
-25.9076, 3.0248

■ 59.0600, 66.5254,
35.9044

■ 248.0460,
-26.6447, 6.0987

■ 49.9230, 71.0300,
37.7785

Harmonies

Analogous

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



172.2020, 13.7044, -8.9472



173.9650, 9.8773, 5.2927



174.4350, 3.7295, 17.1585

Triad

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



173.9650, 9.8773, 5.2927



172.6680, -13.1473, 16.9542



166.6870, 4.5913, -26.0355

Complementary

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



173.9650, 9.8773, 5.2927



187.0350, -9.8773, -5.2927

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.



167.3800, -3.1453, -17.8733



173.9650, 9.8773, 5.2927



170.9010, -13.2622, 7.1028

Square

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



173.9650, 9.8773, 5.2927



174.0370, -9.3852, 23.6466



169.7360, -9.7298, -5.9075



167.2830, 10.7065, -27.4352

Rectangle

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



173.9650, 9.8773, 5.2927



174.6160, -0.7967, 22.2618



169.7360, -9.7298, -5.9075



167.0140, 1.9651, -23.6913

Sweetspot

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



173.9650, 9.8773, 5.2927



244.6350, 3.6309, 2.0741



178.2960, 7.7421, -9.9066



122.6950, 2.6154, 1.1445



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.



173.9650, 9.8773, 5.2927



220.7680, 15.3974, 8.0965



177.8520, 7.9610, 13.2848



89.6350, 3.6309, 2.0741



41.3770, 58.9741, 31.2414



8.5460, 12.0558, 6.5372

Inverse Universe

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



176.6690, 2.1352, 15.1993



225.0660, 3.4185, 23.6211



183.1480, -7.9610, -13.2848



90.5600, 0.7099, 5.6479



57.6010, 12.5217, 90.6809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 173.9650, 9.8773, 5.2927 looks on a white background.

Color Contrast Check

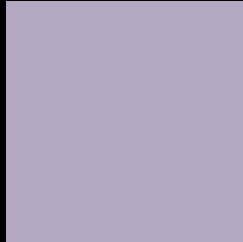
Large Text (above 18pt) WCAG AA × Fail

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 173.9650, 9.8773, 5.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

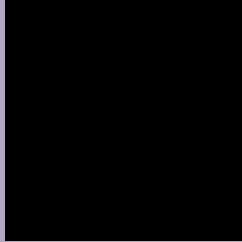
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.9650, 9.8773, 5.2927

Background



This preview shows how black text looks on a background with the YUV color 173.9650, 9.8773, 5.2927.



This preview shows how white text looks on a background with the YUV color 173.9650, 9.8773,

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

173.9650, 9.8773, 5.2927

Protanopia

172.9530, 11.3622, -4.3438

Deuteranopia

173.9540, 9.8827, 3.5483



Tritanopia

173.1730, 4.3517, 4.2333

Trichromacy



Original Color

173.9650, 9.8773, 5.2927

Protanomaly

173.4480, 10.6251, -1.2699

Deuteranomaly

174.2530, 9.7353, 4.1631

Tritanomaly

173.3410, 6.2409, 4.9629

Monochromacy



Original Color

173.9650, 9.8773, 5.2927

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6350, 3.6309, 2.0741

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.9650, 9.8773, 5.2927 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(180, 167, 194)` looks like.

```
.text, #text, p{  
    color:rgb(180, 167, 194)  
}
```

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(180, 167, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 167, 194) }
```

Border

The CSS property to change the border of an element to YUV 173.9650, 9.8773, 5.2927 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(180, 167, 194) }
```


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

```
.border{ border-color:rgb(180, 167, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 167, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 167, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 167, 194);  
box-shadow:4px 4px 4px 4px rgb(180, 167,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 173.9650, 9.8773, 5.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 167, 194) }
```

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

```
.background{ background-color: rgb(180,  
167, 194) }
```

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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