

Converting Colors

YUV(168.3020, 28.9381, 4.9971)

Have a look what the booklet for
YUV(168.3020, 28.9381, 4.9971)
contains.

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Color

**YUV(168.3020, 28.9381,
4.9971)**

Conversions

Conversions Part 1

Format	Color
Hex	AE9AE3
RGB	174, 154, 227
RGB Percent	68%, 60%, 89%
CMY	0.3176, 0.3961, 0.1098
CMYK	0.23, 0.32, 0.00, 0.11
HSL	256°, 57%, 75%
HSV	256°, 32%, 89%
XYZ	42.8763, 37.6559, 77.6815
YIQ	168.3020, -11.5130, 26.9430

Conversions

Conversions Part 2

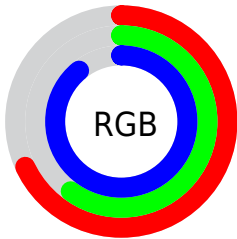
Format	Color
RYB	174, 154, 227
Decimal	11442915
CIELab	67.77, 22.41, -34.29
CIELCh	68, 40.958, 303.166
Yxy	37.6559, 0.2710, 0.2380
Android (android.graphics.Color)	4289632995 (0xFFAE9AE3)
YUV	168.3020, 28.9381, 4.9971
Hunter-Lab	61.3644, 17.3330, -32.1004

Details

The YUV color $168.3020, 28.9381, 4.9971$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $212.6980, -28.9381, -4.9971$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.9360, 17.2866, 8.8261$, and $115.8350, 27.1963, 3.6527$ is the 20% darker color. If you saturate the color by 10%, you get $150.0170, 37.9526, 7.0011$, and if you desaturate by 10%, it is $186.5870, 19.9236, 2.9932$.

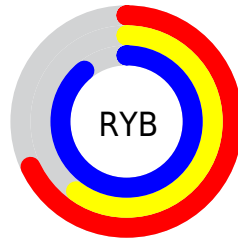
Distribution



Red (68%)

Green (60%)

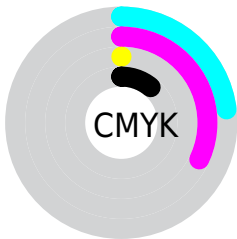
Blue (89%)



Red (68%)

Yellow (60%)

Blue (89%)

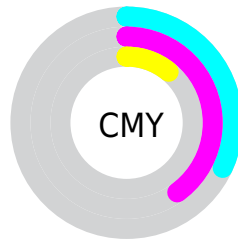


Cyan (23%)

Magenta (32%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (40%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3020, 28.9381, 4.9971 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 168.3020, 28.9381, 4.9971 by changing the saturation by 10% instead.

168.3020, 28.9381,
4.9971

168.3020, 28.9381,
4.9971

255.0000, 0.0000,
0.0000

141.7750, 28.2119,
4.5823

219.9360, 17.2866,
8.8261

115.8350, 27.1963,
3.6527

244.4340, 5.2090,
9.2664

91.0090, 26.6176,
2.6231

67.0690, 25.6020,
1.6935

43.8300, 24.7338,
0.1491

20.6940, 24.3079,
-3.2396

5.3580, 20.5295,

-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 168.3020, 28.9381,
4.9971

■ 168.3020, 28.9381,
4.9971

■ 150.0170, 37.9526,
7.0011

■ 186.5870, 19.9236,
2.9932

■ 132.0200, 46.8251,
7.8755

■ 204.5840, 11.0511,
2.1188

■ 113.7350, 55.8396,
9.8794

■ 222.8690, 2.0366,
0.1149

■ 95.1510, 65.0016,
11.2686

■ 241.4530, -7.1253,
-1.2743

■ 77.4530, 73.7267,
12.7577

■ 251.8080,
-12.2303, 2.7994

■ 58.8690, 82.8886,
14.1469

■ 44.4160, 90.0139,
15.4212

Harmonies

Analogous

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



159.6600, 39.1146, -39.1668



168.3020, 28.9381, 4.9971



169.7380, 14.4262, 39.6948

Triad

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



168.3020, 28.9381, 4.9971



164.6210, -31.8582, 45.0594



137.9130, 14.8329, -91.1317

Complementary

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



168.3020, 28.9381, 4.9971



212.6980, -28.9381, -4.9971

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.



151.5540, -10.6261, -45.2129



168.3020, 28.9381, 4.9971



161.8430, -35.4186, 20.3087

Square

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



168.3020, 28.9381, 4.9971



166.6240, -19.5346, 59.0888



158.0070, -27.6115, -10.5301



130.6770, 36.1482, -114.6037

Rectangle

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



168.3020, 28.9381, 4.9971



168.5520, 3.1789, 53.8899



158.0070, -27.6115, -10.5301



143.9170, 5.4639, -72.7182

Sweetspot

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



168.3020, 28.9381, 4.9971



234.6440, 10.0355, 1.1892



194.0200, 16.2591, -35.0975



115.0200, 6.3991, 0.8595



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.



168.3020, 28.9381, 4.9971



175.3590, 39.2630, 6.7012



179.0660, 23.6315, 27.1291



105.2650, 4.7994, 0.6446



35.0570, 70.9639, 12.2280



10.0000, 20.2130, 3.5080

Inverse Universe

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



181.8690, 12.3896, 39.5799



193.8090, 16.8562, 53.6645



201.9340, -23.6315, -27.1291



107.6140, 2.1623, 6.4775



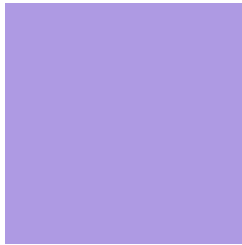
68.3410, 30.3979, 97.0479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 168.3020, 28.9381, 4.9971 looks on a white background.

Color Contrast Check

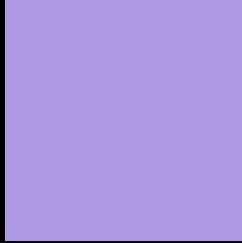
Large Text (above 18pt) WCAG AA × Fail

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 168.3020, 28.9381, 4.9971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

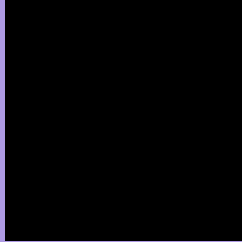
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3020, 28.9381, 4.9971

Background



This preview shows how black text looks on a background with the YUV color 168.3020, 28.9381, 4.9971.



This preview shows how white text looks on a background with the YUV color 168.3020, 28.9381, 4.9971.

4.9971.

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

168.3020, 28.9381, 4.9971

Protanopia

165.1140, 33.9608, -19.3940

Deuteranopia

165.2840, 29.4400, -16.0351



Tritanopia

165.7810, 5.5310, -0.6849

Trichromacy



Original Color

168.3020, 28.9381, 4.9971

Protanomaly

166.3000, 31.8971, -10.7871

Deuteranomaly

166.6270, 29.2709, -8.4429

Tritanomaly

166.3820, 14.1087, 1.4190

Monochromacy



Original Color

168.3020, 28.9381, 4.9971

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.0570, 10.3249, 1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3020, 28.9381, 4.9971 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(174, 154, 227)` looks like.

```
.text, #text, p{  
    color:rgb(174, 154, 227)  
}
```

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(174, 154, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 154, 227) }
```

Border

The CSS property to change the border of an element to YUV 168.3020, 28.9381, 4.9971 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(174, 154, 227) }
```


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

```
.border{ border-color:rgb(174, 154, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 154, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 154, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 154, 227);  
box-shadow:4px 4px 4px 4px rgb(174, 154,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 168.3020, 28.9381, 4.9971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 154, 227) }
```

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

```
.background{ background-color: rgb(174,  
154, 227) }
```

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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