

Converting Colors

YUV(168.5090, 28.3431, 9.2006)

Have a look what the booklet for
YUV(168.5090, 28.3431, 9.2006)
contains.

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Color

**YUV(168.5090, 28.3431,
9.2006)**

Conversions

Conversions Part 1

Format	Color
Hex	B398E2
RGB	179, 152, 226
RGB Percent	70%, 60%, 89%
CMY	0.2980, 0.4039, 0.1137
CMYK	0.21, 0.33, 0.00, 0.11
HSL	262°, 56%, 74%
HSV	262°, 33%, 89%
XYZ	43.5461, 37.5312, 76.9006
YIQ	168.5090, -7.6620, 28.7380

Conversions

Conversions Part 2

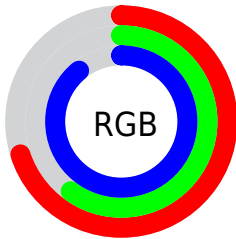
Format	Color
R_{YB}	179, 152, 226
Decimal	11770082
CIE _{Lab}	67.67, 24.79, -33.84
CIE _{LCh}	68, 41.954, 306.225
Yxy	37.5312, 0.2756, 0.2376
Android (android.graphics.Color)	4289960162 (0xFFB398E2)
YUV	168.5090, 28.3431, 9.2006
Hunter-Lab	61.2627, 19.6698, -31.5405

Details

The YUV color **168.5090, 28.3431, 9.2006** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209.4910, -28.3431, -9.2006**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.5560, 16.9809, 13.5444**, and **116.0420, 26.6013, 7.8562** is the 20% darker color. If you saturate the color by 10%, you get **150.8220, 37.0628, 12.4341**, and if you desaturate by 10%, it is **186.1960, 19.6234, 5.9671**.

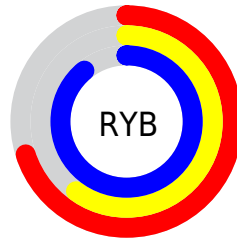
Distribution



Red (70%)

Green (60%)

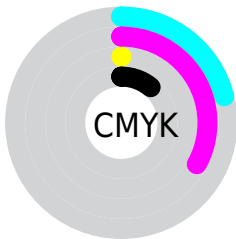
Blue (89%)



Red (70%)

Yellow (60%)

Blue (89%)

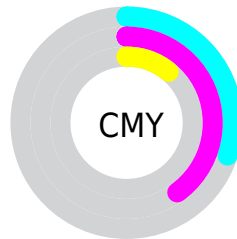


Cyan (21%)

Magenta (33%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (40%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5090, 28.3431, 9.2006 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 168.5090, 28.3431, 9.2006 by changing the saturation by 10% instead.

168.5090, 28.3431,
9.2006

168.5090, 28.3431,
9.2006

255.0000, 0.0000,
0.0000

141.9820, 27.6169,
8.7858

220.5560, 16.9809,
13.5444

116.0420, 26.6013,
7.8562

243.2600, 5.7878,
10.2960

91.2160, 26.0225,
6.8266

66.6890, 25.2963,
6.4117

44.0370, 24.1388,
4.3526

21.4990, 23.4180,
2.1934

5.2440, 20.0927,

-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 168.5090, 28.3431,
9.2006

■ 168.5090, 28.3431,
9.2006

■ 150.8220, 37.0628,
12.4341

■ 186.1960, 19.6234,
5.9671

■ 133.4230, 45.6405,
14.5380

■ 203.5950, 11.0457,
3.8632

■ 115.7360, 54.3602,
17.7715

■ 221.2820, 2.3260,
0.6297

■ 98.6360, 62.7905,
20.4902

■ 238.3820, -6.1043,
-2.0890

■ 80.6500, 71.6576,
23.1090

■ 250.4980,
-12.0775, 0.4403

■ 62.9630, 80.3772,
26.3424

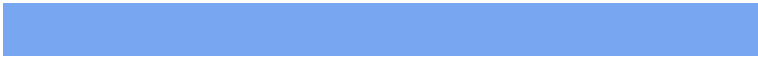
■ 251.6940,
-12.6671, 2.8994

■ 50.2820, 86.6290,
27.8167

Harmonies

Analogous

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



160.6820, 39.1038, -35.6781



168.5090, 28.3431, 9.2006



169.4180, 13.1049, 43.4834

Triad

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



168.5090, 28.3431, 9.2006



164.1540, -33.5999, 43.7149



128.2030, 21.5919, -112.4340

Complementary

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



168.5090, 28.3431, 9.2006



209.4910, -28.3431, -9.2006

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.



149.5040, -8.1365, -50.4310



168.5090, 28.3431, 9.2006



161.0060, -35.9920, 17.5347

Square

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



168.5090, 28.3431, 9.2006



166.0540, -21.7186, 59.5886



157.0990, -27.1638, -14.1188



131.1330, 37.8954, -115.0036

Rectangle

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



168.5090, 28.3431, 9.2006



168.4060, 1.2788, 56.6489



157.0990, -27.1638, -14.1188



140.4860, 9.1274, -81.1102

Sweetspot

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



168.5090, 28.3431, 9.2006



235.5410, 9.5933, 3.0335



188.6120, 18.4323, -32.1087



115.6180, 6.1043, 2.0890



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.



168.5090, 28.3431, 9.2006



178.0500, 37.9364, 12.2342



179.2730, 23.0364, 31.3326



103.4500, 4.2151, 1.3593



39.2000, 67.4424, 21.7496



10.8540, 18.3130, 6.2670

Inverse Universe

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



179.4840, 9.6214, 40.7945



192.7830, 12.9250, 54.5643



198.7270, -23.0364, -31.3326



105.0870, 1.4361, 6.0627



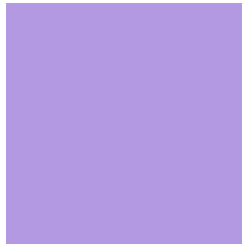
65.3920, 22.9777, 97.0032



17.8860, 6.4652, 26.4100

Previews

White Background



This preview shows how the YUV color 168.5090, 28.3431, 9.2006 looks on a white background.

Color Contrast Check

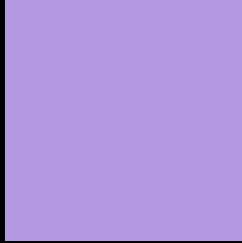
Large Text (above 18pt) WCAG AA × Fail

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 168.5090, 28.3431, 9.2006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

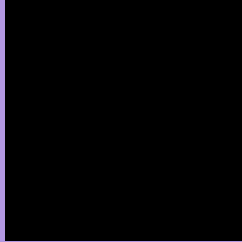
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.5090, 28.3431, 9.2006

Background



This preview shows how black text looks on a background with the YUV color 168.5090, 28.3431, 9.2006.



This preview shows how white text looks on a background with the YUV color 168.5090, 28.3431,

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

168.5090, 28.3431, 9.2006

Protanopia

164.2280, 34.3976, -19.4940

Deuteranopia

165.4690, 28.8558, -15.3203



Tritanopia

165.8740, 4.4991, 3.6185

Trichromacy



Original Color

168.5090, 28.3431, 9.2006

Protanomaly

165.4250, 32.3285, -9.1427

Deuteranomaly

166.5240, 28.8287, -6.5985

Tritanomaly

166.5890, 13.5136, 5.6224

Monochromacy



Original Color

168.5090, 28.3431, 9.2006

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0680, 10.3195, 3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5090, 28.3431, 9.2006 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(179, 152, 226)` looks like.

```
.text, #text, p{  
    color:rgb(179, 152, 226)  
}
```

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(179, 152, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 152, 226) }
```

Border

The CSS property to change the border of an element to YUV 168.5090, 28.3431, 9.2006 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(179, 152, 226) }
```


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

```
.border{ border-color:rgb(179, 152, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 152, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 152, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 152, 226);  
box-shadow:4px 4px 4px 4px rgb(179, 152,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 168.5090, 28.3431, 9.2006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 152, 226) }
```

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

```
.background{ background-color: rgb(179,  
152, 226) }
```

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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