

Converting Colors

YUV(188.3350, 28.9218,
10.2302)

Have a look what the booklet for
YUV(188.3350, 28.9218, 10.2302)
contains.

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Color

**YUV(188.3350, 28.9218,
10.2302)**

Conversions

Conversions Part 1

Format	Color
Hex	C8ABF7
RGB	200, 171, 247
RGB Percent	78%, 67%, 97%
CMY	0.2157, 0.3294, 0.0314
CMYK	0.19, 0.31, 0.00, 0.03
HSL	263°, 83%, 82%
HSV	263°, 31%, 97%
XYZ	55.1708, 48.1206, 94.3761
YIQ	188.3350, -7.1120, 29.7840

Conversions

Conversions Part 2

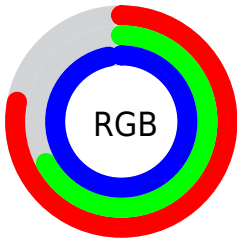
Format	Color
R _{YB}	200, 171, 247
Decimal	13151223
CIE _{Lab}	74.90, 25.27, -33.97
CIE _{LCh}	75, 42.337, 306.652
Yxy	48.1206, 0.2791, 0.2434
Android (android.graphics.Color)	4291341303 (0xFFC8ABF7)
YUV	188.3350, 28.9218, 10.2302
Hunter-Lab	69.3690, 20.5696, -32.1054

Details

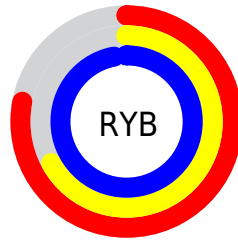
The YUV color **188.3350, 28.9218, 10.2302** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **229.6650, -28.9218, -10.2302**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5640, 8.1029, 14.4144**, and **134.8680, 27.1801, 8.8858** is the 20% darker color. If you saturate the color by 10%, you get **169.1750, 38.3677, 13.8785**, and if you desaturate by 10%, it is **207.4950, 19.4760, 6.5819**.

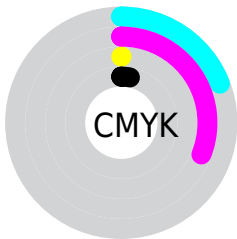
Distribution



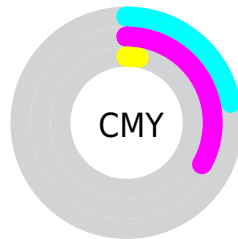
- Red (78%)
- Green (67%)
- Blue (97%)



- Red (78%)
- Yellow (67%)
- Blue (97%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (3%)



- Cyan (22%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.3350, 28.9218, 10.2302 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 188.3350, 28.9218, 10.2302 by changing the saturation by 10% instead.

■ 188.3350, 28.9218,
10.2302

■ 188.3350, 28.9218,
10.2302

255.0000, 0.0000,
0.0000

■ 160.8080, 28.1957,
9.8154

■ 238.5640, 8.1029,
14.4144

■ 134.8680, 27.1801,
8.8858

■ 109.0420, 26.6013,
7.8562

■ 84.5150, 25.8751,
7.4413

■ 60.5750, 24.8595,
6.5117

■ 37.3360, 23.9914,
4.9673

■ 14.2110, 23.5600,

3.3230

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 188.3350, 28.9218,
10.2302

■ 188.3350, 28.9218,
10.2302

■ 169.1750, 38.3677,
13.8785

■ 207.4950, 19.4760,
6.5819

■ 150.3030, 47.6716,
16.3973

■ 226.3670, 10.1721,
4.0631

■ 131.1430, 57.1175,
20.0456

■ 245.5270, 0.7262,
0.4148

■ 111.9830, 66.5634,
23.6939

■ 254.0880, -3.4944,
0.7998

■ 92.8230, 76.0093,
27.3422

■ 73.9510, 85.3132,
29.8610

■ 56.2640, 94.0328,
33.0945

Harmonies

Analogous

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



179.8240, 37.0618, -34.0486



188.3350, 28.9218, 10.2302



189.1300, 13.2469, 44.6130

Triad

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



188.3350, 28.9218, 10.2302



183.5240, -34.7683, 45.1445



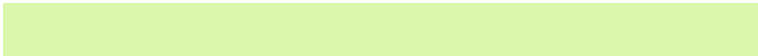
156.2760, 17.6119, -95.8351

Complementary

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



188.3350, 28.9218, 10.2302



229.6650, -28.9218, -10.2302

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.



169.6780, -8.7153, -51.4606



188.3350, 28.9218, 10.2302



180.7780, -36.8656, 17.7347

Square

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



188.3350, 28.9218, 10.2302



185.5380, -22.4502, 60.9182



176.2730, -27.7426, -15.1484



145.3810, 41.7172, -127.4991

Rectangle

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



188.3350, 28.9218, 10.2302



188.3030, 0.8366, 58.4933



176.2730, -27.7426, -15.1484



161.8560, 7.9590, -79.6807

Sweetspot

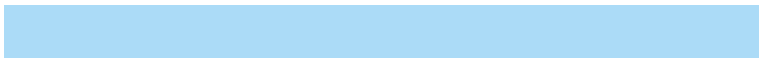
The Sweet Spot groups the original color and five complimentary colors.



188.3350, 28.9218, 10.2302



237.3130, 8.7197, 3.2335



207.8400, 19.3059, -32.3087



116.5040, 5.6675, 2.1890



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.



188.3350, 28.9218, 10.2302



182.4800, 35.7524, 12.7340



199.3980, 23.4678, 32.9770



112.8630, 4.5045, 1.8741



42.4330, 70.7785, 25.0533



13.3040, 22.5281, 7.6264

Inverse Universe

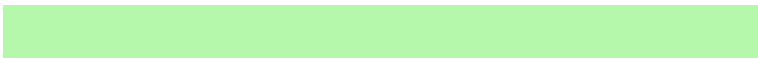
The Inverse Universe completely reimagines the original color for something new.



199.0820, 9.3266, 42.0241



195.7180, 11.4780, 51.9903



218.6020, -23.4678, -32.9770



114.5000, 1.7255, 6.5775



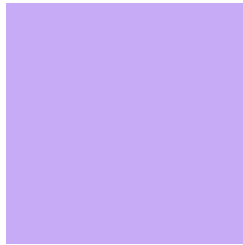
68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 188.3350, 28.9218, 10.2302 looks on a white background.

Color Contrast Check

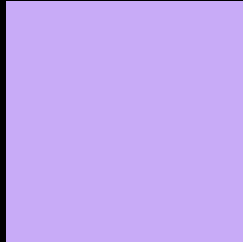
Large Text (above 18pt) WCAG AA × Fail

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 188.3350, 28.9218, 10.2302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

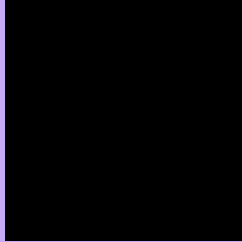
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.3350, 28.9218, 10.2302

Background



This preview shows how black text looks on a background with the YUV color 188.3350, 28.9218, 10.2302.



This preview shows how white text looks on a background with the YUV color 188.3350, 28.9218,

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

188.3350, 28.9218, 10.2302

Protanopia

184.6410, 34.6870, -18.9792

Deuteranopia

185.2950, 29.4346, -14.2907



Tritanopia

185.5860, 4.6411, 4.7481

Trichromacy



Original Color

188.3350, 28.9218, 10.2302

Protanomaly

185.8380, 32.6179, -8.6279

Deuteranomaly

186.3500, 29.4075, -5.5689

Tritanomaly

186.3010, 13.6556, 6.7520

Monochromacy



Original Color

188.3350, 28.9218, 10.2302

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

188.0680, 10.3195, 3.4484

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.3350, 28.9218, 10.2302 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(200, 171, 247)` looks like.

```
.text, #text, p{  
    color:rgb(200, 171, 247)  
}
```

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(200, 171, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 171, 247) }
```

Border

The CSS property to change the border of an element to YUV 188.3350, 28.9218, 10.2302 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(200, 171, 247) }
```


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

```
.border{ border-color:rgb(200, 171, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 171, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 171, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 171, 247);  
box-shadow:4px 4px 4px 4px rgb(200, 171,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 188.3350, 28.9218, 10.2302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 171, 247) }
```

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

```
.background{ background-color: rgb(200,  
171, 247) }
```

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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