

Converting Colors

YUV(189.8230, 32.1323, 7.1712)

Have a look what the booklet for
YUV(189.8230, 32.1323, 7.1712)
contains.

YUV(189.8230, 32.1323, 7.1712)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(189.8230, 32.1323,
7.1712)**

Conversions

Conversions Part 1

Format	Color
Hex	C6ADFF
RGB	198, 173, 255
RGB Percent	78%, 68%, 100%
CMY	0.2235, 0.3216, 0.0000
CMYK	0.22, 0.32, 0.00, 0.00
HSL	258°, 100%, 84%
HSV	258°, 32%, 100%
XYZ	56.2823, 49.1129, 101.1211
YIQ	189.8230, -11.4220, 30.8020

Conversions

Conversions Part 2

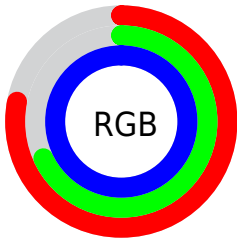
Format	Color
RYB	198, 173, 255
Decimal	13020671
CIELab	75.52, 25.38, -37.33
CIELCh	76, 45.144, 304.208
Yxy	49.1129, 0.2725, 0.2378
Android (android.graphics.Color)	4291210751 (0xFFC6ADFF)
YUV	189.8230, 32.1323, 7.1712
Hunter-Lab	70.0806, 20.7137, -36.4946

Details

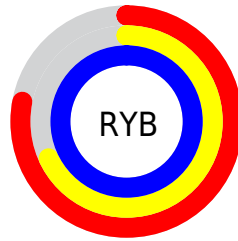
The YUV color **189.8230, 32.1323, 7.1712** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **238.1770, -32.1323, -7.1712**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **135.7690, 30.6799, 6.3416** is the 20% darker color. If you saturate the color by 10%, you get **169.1790, 42.3098, 9.4900**, and if you desaturate by 10%, it is **210.4670, 21.9548, 4.8524**.

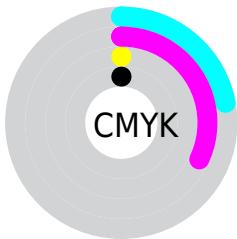
Distribution



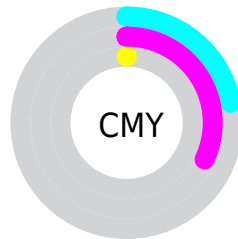
- Red (78%)
- Green (68%)
- Blue (100%)



- Red (78%)
- Yellow (68%)
- Blue (100%)



- Cyan (22%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8230, 32.1323, 7.1712 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 189.8230, 32.1323, 7.1712 by changing the saturation by 10% instead.


 189.8230, 32.1323,
7.1712


 189.8230, 32.1323,
7.1712


255.0000, 0.0000,
0.0000


 162.2960, 31.4061,
6.7564


 239.7380, 7.5242,
13.3848

 135.7690, 30.6799,
6.3416

 110.4160, 29.3749,
4.8972

 85.5900, 28.7961,
3.8676

 61.6500, 27.7806,
2.9380

 38.1120, 27.0598,
0.7788

 14.0900, 27.0706,

-2.7099

■ 5.2440, 20.0927,
-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 189.8230, 32.1323,
7.1712

■ 189.8230, 32.1323,
7.1712

■ 169.1790, 42.3098,
9.4900

■ 210.4670, 21.9548,
4.8524

■ 149.4210, 52.0504,
11.9088

■ 230.2250, 12.2141,
2.4337

■ 129.3640, 61.9385,
13.7128

■ 250.8690, 2.0366,
0.1149

■ 108.7200, 72.1160,
16.0316

■ 255.0000, 0.0000,
0.0000

■ 88.6630, 82.0041,
17.8355

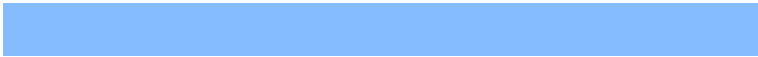
■ 68.3180, 92.0342,
20.7691

■ 52.3920, 99.8857,
22.4582

Harmonies

Analogous

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



178.8940, 37.5203, -41.1260



189.8230, 32.1323, 7.1712



191.4120, 15.5729, 45.2427

Triad

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



189.8230, 32.1323, 7.1712



185.5030, -36.2370, 49.5479



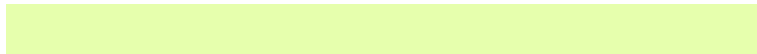
152.8400, 18.8129, -107.7307

Complementary

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



189.8230, 32.1323, 7.1712



238.1770, -32.1323, -7.1712

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.



170.3960, -11.0412, -52.0903



189.8230, 32.1323, 7.1712



182.5890, -40.2234, 21.4084

Square

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



189.8230, 32.1323, 7.1712



185.0650, -21.7240, 61.3330



177.4860, -30.8056, -12.7042



147.3700, 41.7226, -129.2435

Rectangle

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



189.8230, 32.1323, 7.1712



188.4000, 3.7468, 58.4082



177.4860, -30.8056, -12.7042



161.0080, 7.3911, -84.1990

Sweetspot

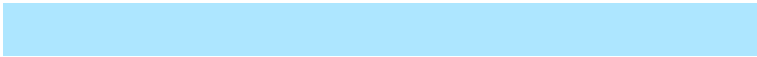
The Sweet Spot groups the original color and five complimentary colors.



189.8230, 32.1323, 7.1712



234.9430, 9.8881, 1.8040



215.8070, 19.3221, -37.5417



115.3190, 6.2517, 1.4742



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.



189.8230, 32.1323, 7.1712



176.2560, 38.8208, 8.5455



202.0820, 26.0886, 32.3771



117.6780, 5.0887, 1.1594



39.1160, 74.8788, 16.5613



12.9770, 25.1543, 5.2822

Inverse Universe

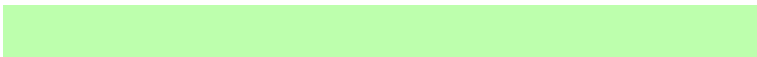
The Inverse Universe completely reimagines the original color for something new.



204.0160, 12.8101, 44.7130



193.4670, 15.5458, 53.9644



225.9180, -26.0886, -32.3771



119.9130, 2.0149, 7.0923



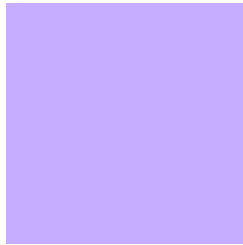
72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 189.8230, 32.1323, 7.1712 looks on a white background.

Color Contrast Check

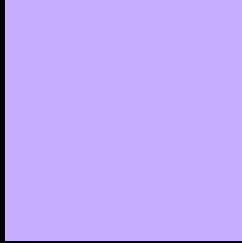
Large Text (above 18pt) WCAG AA × Fail

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 189.8230, 32.1323, 7.1712 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 189.8230, 32.1323, 7.1712

Background



This preview shows how black text looks on a background with the YUV color 189.8230, 32.1323, 7.1712.



This preview shows how white text looks on a background with the YUV color 189.8230, 32.1323, 7.1712.

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

189.8230, 32.1323, 7.1712

Protanopia

186.4130, 33.8134, -18.7792

Deuteranopia

186.4840, 32.7924, -17.9645



Tritanopia

186.9060, 5.9623, 0.9594

Trichromacy



Original Color

189.8230, 32.1323, 7.1712

Protanomaly

187.6530, 33.2021, -9.3427

Deuteranomaly

187.8380, 32.6179, -8.6279

Tritanomaly

188.0340, 15.2662, 3.4782

Monochromacy



Original Color

189.8230, 32.1323, 7.1712

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1110, 11.7773, 2.5337

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8230, 32.1323, 7.1712 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(198, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 173, 255)  
}
```

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(198, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 173, 255) }
```

Border

The CSS property to change the border of an element to YUV 189.8230, 32.1323, 7.1712 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(198, 173, 255) }
```


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

```
.border{ border-color:rgb(198, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 173,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 189.8230, 32.1323, 7.1712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 173, 255) }
```

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

```
.background{ background-color: rgb(198,  
173, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor