

Converting Colors

YUV(168.1070, 31.4992,
23.5852)

Have a look what the booklet for
YUV(168.1070, 31.4992, 23.5852)
contains.

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Color

**YUV(168.1070, 31.4992,
23.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	C38EE8
RGB	195, 142, 232
RGB Percent	76%, 56%, 91%
CMY	0.2353, 0.4431, 0.0902
CMYK	0.16, 0.39, 0.00, 0.09
HSL	275°, 66%, 73%
HSV	275°, 39%, 91%
XYZ	46.7442, 36.7743, 80.9784
YIQ	168.1070, 2.6980, 39.2260

Conversions

Conversions Part 2

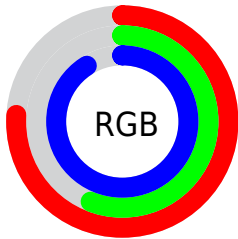
Format	Color
R _{YB}	195, 142, 232
Decimal	12816104
CIE _{Lab}	67.11, 36.45, -37.91
CIE _{LCh}	67, 52.592, 313.870
Y _{xy}	36.7743, 0.2842, 0.2236
Android (android.graphics.Color)	4291006184 (0xFFC38EE8)
Y _{UV}	168.1070, 31.4992, 23.5852
Hunter-Lab	60.6418, 31.4689, -36.7240

Details

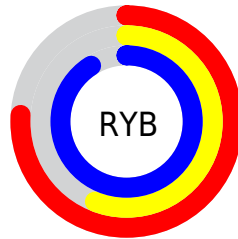
The YUV color **168.1070, 31.4992, 23.5852** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **205.8930, -31.4992, -23.5852**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7690, 17.3689, 29.1436**, and **115.3410, 29.9049, 21.6259** is the 20% darker color. If you saturate the color by 10%, you get **151.6160, 39.6293, 29.2778**, and if you desaturate by 10%, it is **184.5980, 23.3692, 17.8926**.

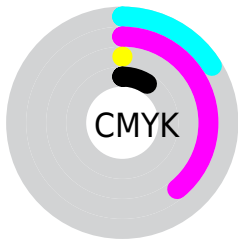
Distribution



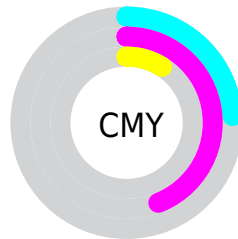
- Red (76%)
- Green (56%)
- Blue (91%)



- Red (76%)
- Yellow (56%)
- Blue (91%)



- Cyan (16%)
- Magenta (39%)
- Yellow (0%)
- Black (9%)





- Cyan (24%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.1070, 31.4992, 23.5852 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 168.1070, 31.4992, 23.5852 by changing the saturation by 10% instead.


 168.1070, 31.4992,
23.5852

 168.1070, 31.4992,
23.5852


255.0000, 0.0000,
0.0000

 141.2810, 30.9205,
22.5556


 219.7690, 17.3689,
29.1436


 115.3410, 29.9049,
21.6259


 237.3900, 8.6817,
15.4440

 89.5150, 29.3261,
20.5963

254.4130, 0.2894,
0.5148

 64.6890, 28.7473,
19.5667

 40.2760, 28.4579,
19.0519

 19.0860, 26.5796,
14.8336

 9.5870, 19.9236,

2.9932

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 168.1070, 31.4992,
23.5852

■ 168.1070, 31.4992,
23.5852

■ 151.6160, 39.6293,
29.2778

■ 184.5980, 23.3692,
17.8926

■ 135.4240, 47.6120,
35.5852

■ 200.7900, 15.3865,
11.5852

■ 118.3460, 56.0314,
41.7926

■ 217.8680, 6.9671,
5.3778

■ 102.1540, 64.0141,
48.0999

■ 234.0600, -1.0156,
-0.9296

■ 85.6630, 72.1441,
53.7925

■ 248.7900, -8.2775,
-5.0778

■ 69.4710, 80.1268,
60.0999

■ 251.4810, -9.6041,
0.4552

■ 67.4110, 81.1424,
61.0296

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



160.0550, 46.8079, -33.3742



168.1070, 31.4992, 23.5852



166.5990, 12.0297, 61.7417

Triad

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



168.1070, 31.4992, 23.5852



160.5920, -44.6619, 45.0848



130.8590, 26.6915, -114.7633

Complementary

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



168.1070, 31.4992, 23.5852



205.8930, -31.4992, -23.5852

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.



130.5630, 2.1874, -95.2098



168.1070, 31.4992, 23.5852



156.7850, -44.2640, 10.7126

Square

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



168.1070, 31.4992, 23.5852



162.1170, -30.6237, 69.1804



150.2450, -28.7148, -30.0329



134.0000, 46.3420, -117.5180

Rectangle

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



168.1070, 31.4992, 23.5852



164.4900, -2.7066, 74.9923



150.2450, -28.7148, -30.0329



128.9210, 19.2659, -113.0637

Sweetspot

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



168.1070, 31.4992, 23.5852



232.9160, 10.8874, 7.9667



174.5660, 28.3150, -28.5604



115.0420, 6.3883, 4.3482



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.



168.1070, 31.4992, 23.5852



169.9090, 41.9499, 31.6518



178.3720, 22.9876, 47.0318



106.4610, 4.2097, 3.1037



51.8010, 62.7091, 46.6555



14.7840, 17.8545, 13.3444

Inverse Universe

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



173.1280, 2.8949, 51.6307



176.4660, 3.7143, 68.8743



195.6280, -22.9876, -47.0318



107.1580, 0.4151, 6.8774



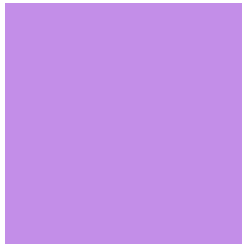
61.8430, 5.5004, 102.7467



17.6430, 1.6550, 29.2541

Previews

White Background



This preview shows how the YUV color 168.1070, 31.4992, 23.5852 looks on a white background.

Color Contrast Check

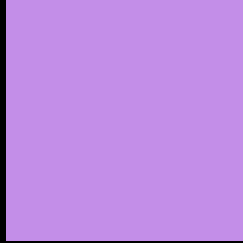
Large Text (above 18pt) WCAG AA × Fail

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 168.1070, 31.4992, 23.5852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

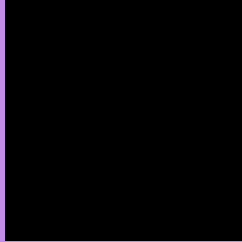
Any Text WCAG AA ✓ Pass

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 168.1070, 31.4992, 23.5852 Background



This preview shows how black text looks on a background with the YUV color 168.1070, 31.4992, 23.5852.



This preview shows how white text looks on a background with the YUV color 168.1070, 31.4992,

23.5852.

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

168.1070, 31.4992, 23.5852

Protanopia

162.4320, 41.6920, -25.8119

Deuteranopia

163.5440, 31.7768, -18.8941



Tritanopia

166.0390, 0.9668, 16.6288

Trichromacy



Original Color

168.1070, 31.4992, 23.5852



Protanomaly

164.6300, 38.1434, -7.5685



Deuteranomaly

165.2300, 31.4386, -3.7097



Tritanomaly

166.9220, 11.8705, 19.3624

Monochromacy



Original Color

168.1070, 31.4992, 23.5852



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.3290, 11.1768, 8.4815

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1070, 31.4992, 23.5852 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(195, 142, 232)` looks like.

```
.text, #text, p{  
    color:rgb(195, 142, 232)  
}
```

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(195, 142, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 142, 232) }
```

Border

The CSS property to change the border of an element to YUV 168.1070, 31.4992, 23.5852 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(195, 142, 232) }
```


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

```
.border{ border-color:rgb(195, 142, 232) }
```

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

Here you see how a box with a 4 pixel rgb(195, 142, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 142, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 142, 232);  
box-shadow:4px 4px 4px 4px rgb(195, 142,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 168.1070, 31.4992, 23.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 142, 232) }
```

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

```
.background{ background-color: rgb(195,  
142, 232) }
```

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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