

Converting Colors

YUV(168.0850, 31.5101,
20.0965)

Have a look what the booklet for
YUV(168.0850, 31.5101, 20.0965)
contains.

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Color

**YUV(168.0850, 31.5101,
20.0965)**

Conversions

Conversions Part 1

Format	Color
Hex	BF90E8
RGB	191, 144, 232
RGB Percent	75%, 56%, 91%
CMY	0.2510, 0.4353, 0.0902
CMYK	0.18, 0.38, 0.00, 0.09
HSL	272°, 66%, 74%
HSV	272°, 38%, 91%
XYZ	46.0246, 36.8491, 81.0308
YIQ	168.0850, -0.2360, 37.3320

Conversions

Conversions Part 2

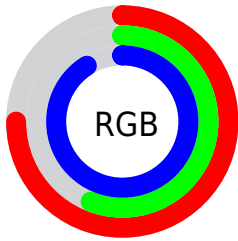
Format	Color
RYB	191, 144, 232
Decimal	12554472
CIELab	67.16, 34.17, -37.86
CIELCh	67, 50.997, 312.069
Yxy	36.8491, 0.2808, 0.2248
Android (android.graphics.Color)	4290744552 (0xFFBF90E8)
YUV	168.0850, 31.5101, 20.0965
Hunter-Lab	60.7034, 29.1055, -36.6516

Details

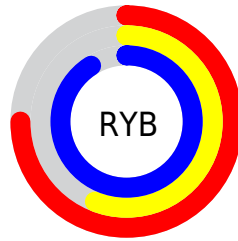
The YUV color **168.0850, 31.5101, 20.0965** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **207.9150, -31.5101, -20.0965**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4480, 17.5271, 25.0401**, and **115.3190, 29.9157, 18.1372** is the 20% darker color. If you saturate the color by 10%, you get **151.2950, 39.7876, 25.1743**, and if you desaturate by 10%, it is **184.8750, 23.2326, 15.0186**.

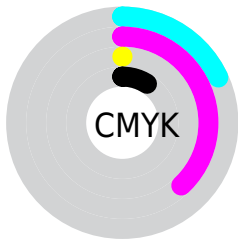
Distribution



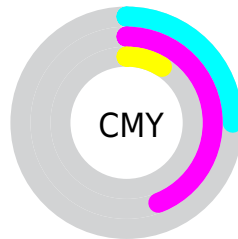
- Red (75%)
- Green (56%)
- Blue (91%)



- Red (75%)
- Yellow (56%)
- Blue (91%)



- Cyan (18%)
- Magenta (38%)
- Yellow (0%)
- Black (9%)





- Cyan (25%)
- Magenta (44%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.0850, 31.5101, 20.0965 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 168.0850, 31.5101, 20.0965 by changing the saturation by 10% instead.


 168.0850, 31.5101,
20.0965

 168.0850, 31.5101,
20.0965


255.0000, 0.0000,
0.0000


 141.2590, 30.9313,
19.0669


 219.4480, 17.5271,
25.0401


 115.3190, 29.9157,
18.1372

 238.5640, 8.1029,
14.4144

 89.7920, 29.1895,
17.7224

 65.5530, 28.3214,
16.1780

 40.8410, 28.1794,
15.0484

 18.1890, 27.0218,
12.9892

 8.0920, 20.6606,

-0.0807

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 168.0850, 31.5101,
20.0965

■ 168.0850, 31.5101,
20.0965

■ 151.2950, 39.7876,
25.1743

■ 184.8750, 23.2326,
15.0186

■ 134.5050, 48.0650,
30.2521

■ 201.6650, 14.9552,
9.9408

■ 117.4270, 56.4845,
36.4595

■ 218.7430, 6.5357,
3.7334

■ 100.6370, 64.7620,
41.5374

■ 235.5330, -1.7418,
-1.3444

■ 83.8470, 73.0394,
46.6152

■ 249.3880, -8.5723,
-3.8483

■ 67.0570, 81.3169,
51.6930

■ 252.3780,
-10.0464, 2.2995

■ 63.5240, 83.0587,
53.0375

Harmonies

Analogous

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



159.5170, 46.0871, -35.5334



168.0850, 31.5101, 20.0965



167.1040, 12.7667, 58.6678

Triad

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



168.0850, 31.5101, 20.0965



160.8740, -42.3359, 45.7145



130.4030, 24.9443, -114.3634

Complementary

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



168.0850, 31.5101, 20.0965



207.9150, -31.5101, -20.0965

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.



137.3260, -1.6397, -80.9699



168.0850, 31.5101, 20.0965



157.3230, -43.5432, 12.8717

Square

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



168.0850, 31.5101, 20.0965



162.5730, -28.8765, 68.7805



151.5660, -28.8730, -25.9294



133.5440, 44.5948, -117.1181

Rectangle

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



168.0850, 31.5101, 20.0965



165.1090, -1.5327, 71.8184



151.5660, -28.8730, -25.9294



128.5790, 17.9556, -112.7638

Sweetspot

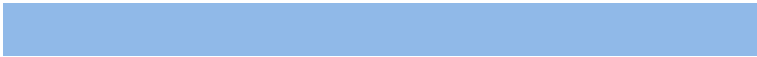
The Sweet Spot groups the original color and five complimentary colors.



168.0850, 31.5101, 20.0965



234.6770, 10.0192, 6.4223



178.0990, 26.5732, -29.9048



115.6290, 6.0989, 3.8334



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.



168.0850, 31.5101, 20.0965



169.8760, 41.9661, 26.4187



180.0020, 24.1560, 45.6022



106.1620, 4.3571, 2.4889



48.8110, 64.1832, 40.5078



13.8870, 18.2967, 11.5001

Inverse Universe

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



174.9860, 4.9369, 50.0013



179.1390, 6.3405, 66.5301



195.9980, -24.1560, -45.6022



107.2720, 0.8519, 6.7775



62.9830, 9.8684, 101.7469



17.9850, 2.9654, 28.9542

Previews

White Background



This preview shows how the YUV color 168.0850, 31.5101, 20.0965 looks on a white background.

Color Contrast Check

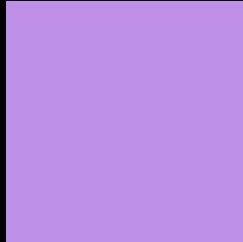
Large Text (above 18pt) WCAG AA × Fail

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 168.0850, 31.5101, 20.0965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

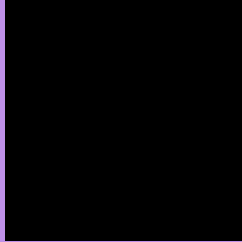
Any Text WCAG AA ✓ Pass

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 168.0850, 31.5101, 20.0965 Background



This preview shows how black text looks on a background with the YUV color 168.0850, 31.5101, 20.0965.



This preview shows how white text looks on a background with the YUV color 168.0850, 31.5101,

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

168.0850, 31.5101, 20.0965

Protanopia

162.6170, 41.1078, -25.0971

Deuteranopia

163.5440, 31.7768, -18.8941



Tritanopia

165.5440, 1.7038, 13.5549

Trichromacy



Original Color

168.0850, 31.5101, 20.0965



Protanomaly

164.8040, 37.5646, -8.5981



Deuteranomaly

164.9310, 31.5860, -4.3245



Tritanomaly

166.4270, 12.6075, 16.2885

Monochromacy



Original Color

168.0850, 31.5101, 20.0965



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.7310, 11.4716, 7.2519

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0850, 31.5101, 20.0965 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(191, 144, 232)` looks like.

```
.text, #text, p{  
    color:rgb(191, 144, 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(191, 144, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 144, 232) }
```

Border

The CSS property to change the border of an element to YUV 168.0850, 31.5101, 20.0965 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(191, 144, 232) }
```


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

```
.border{ border-color:rgb(191, 144, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 144, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 144, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 144, 232); box-shadow:4px 4px 4px 4px rgb(191, 144, 232) }
```

Background

The CSS property to change the background color of an element to YUV 168.0850, 31.5101, 20.0965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 144, 232) }
```

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

```
.background{ background-color: rgb(191,  
144, 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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