

Converting Colors

YUV(151.6860, 23.3258,
31.8474)

Have a look what the booklet for
YUV(151.6860, 23.3258, 31.8474)
contains.

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Color

**YUV(151.6860, 23.3258,
31.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	BC7CC7
RGB	188, 124, 199
RGB Percent	74%, 49%, 78%
CMY	0.2627, 0.5137, 0.2196
CMYK	0.06, 0.38, 0.00, 0.22
HSL	291°, 40%, 63%
HSV	291°, 38%, 78%
XYZ	38.2555, 29.2302, 57.6585
YIQ	151.6860, 14.0690, 36.8930

Conversions

Conversions Part 2

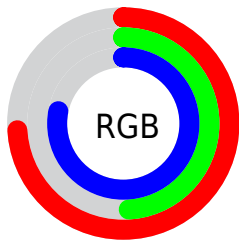
Format	Color
R _{YB}	188, 124, 199
Decimal	12352711
CIE Lab	60.98, 37.34, -29.08
CIE LCh	61, 47.323, 322.091
Yxy	29.2302, 0.3057, 0.2336
Android (android.graphics.Color)	4290542791 (0xFFBC7CC7)
YUV	151.6860, 23.3258, 31.8474
Hunter-Lab	54.0650, 31.6901, -25.3854

Details

The YUV color **151.6860, 23.3258, 31.8474** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **171.3140, -23.3258, -31.8474**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8110, 23.7572, 33.4918**, and **99.1480, 22.6050, 29.6882** is the 20% darker color. If you saturate the color by 10%, you get **139.0490, 29.5558, 40.2990**, and if you desaturate by 10%, it is **164.3230, 17.0958, 23.3957**.

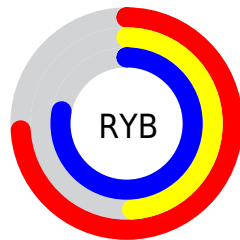
Distribution



Red (74%)

Green (49%)

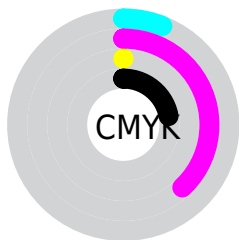
Blue (78%)



Red (74%)

Yellow (49%)

Blue (78%)

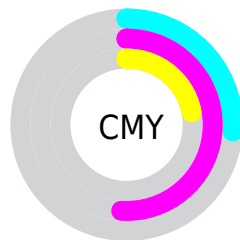


Cyan (6%)

Magenta (38%)

Yellow (0%)

Black (22%)



Cyan (26%)


Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.6860, 23.3258, 31.8474 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 151.6860, 23.3258, 31.8474 by changing the saturation by 10% instead.


 151.6860, 23.3258,
31.8474


 151.6860, 23.3258,
31.8474


255.0000, 0.0000,
0.0000

 124.9740, 23.1838,
30.7178


 206.8110, 23.7572,
33.4918


 99.1480, 22.6050,
29.6882


 226.2370, 14.1802,
25.2252

 74.3220, 22.0263,
28.6586

 242.6730, 6.0772,
10.8108

 49.3220, 22.0263,
28.6586

 25.0230, 22.1737,
28.0438

 16.4210, 15.0754,
18.0478

 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 151.6860, 23.3258,
31.8474

■ 151.6860, 23.3258,
31.8474

■ 139.0490, 29.5558,
40.2990

■ 164.3230, 17.0958,
23.3957

■ 126.4120, 35.7859,
48.7507

■ 176.9600, 10.8657,
14.9441

■ 113.7750, 42.0159,
57.2023

■ 189.5970, 4.6357,
6.4924

■ 101.1380, 48.2460,
65.6540

■ 202.2340, -1.5944,
-1.9592

■ 89.0880, 54.1866,
73.5908

■ 214.8710, -7.8244,
-10.4109

■ 76.4510, 60.4167,
82.0425

■ 226.9210,
-13.7651, -18.3477

■ 73.5160, 61.8636,
84.6165

■ 234.5630,
-17.5326, -23.2958

■ 235.4600,
-17.9748, -21.4514

■ 236.3570,
-18.4170, -19.6071

Harmonies

Analogous

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



147.8850, 38.0177, -13.9311



151.6860, 23.3258, 31.8474



149.4650, 5.1938, 60.9822

Triad

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



151.6860, 23.3258, 31.8474



143.9540, -40.4033, 32.4893



118.7940, 28.6956, -104.1823

Complementary

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



151.6860, 23.3258, 31.8474



171.3140, -23.3258, -31.8474

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.



113.8920, 9.9132, -99.8833



151.6860, 23.3258, 31.8474



140.0810, -36.5219, 0.8060

Square

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



151.6860, 23.3258, 31.8474



146.3990, -31.7487, 56.6551



133.6060, -19.5258, -37.3655



120.4360, 45.1411, -105.6224

Rectangle

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



151.6860, 23.3258, 31.8474



148.3660, -8.0684, 68.0850



133.6060, -19.5258, -37.3655



117.1980, 22.5804, -102.7826

Sweetspot

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



151.6860, 23.3258, 31.8474



237.3680, 8.6926, 11.9553



139.0070, 29.5765, -13.1611



117.1240, 5.3619, 6.9073



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.



151.6860, 23.3258, 31.8474



182.4120, 35.7859, 48.7507



152.0110, 10.3476, 41.2094



93.4180, 2.7519, 4.0184



60.1430, 50.7085, 69.1576



13.0740, 11.3025, 14.8441

Inverse Universe

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



147.6790, -6.2507, 45.0085



176.3230, -9.5262, 68.9997



170.9890, -10.3476, -41.2094



92.8050, -0.8899, 5.4330



51.4730, -13.5442, 97.8092



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 151.6860, 23.3258, 31.8474 looks on a white background.

Color Contrast Check

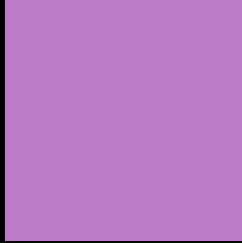
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.6860, 23.3258, 31.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

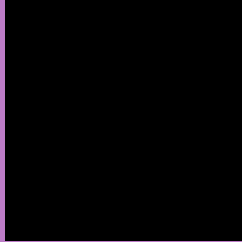
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.6860, 23.3258, 31.8474 Background



This preview shows how black text looks on a background with the YUV color 151.6860, 23.3258, 31.8474.



This preview shows how white text looks on a background with the YUV color 151.6860, 23.3258, 31.8474.

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

151.6860, 23.3258, 31.8474

Protanopia

146.8150, 34.1082, -20.0088

Deuteranopia

148.0090, 23.1666, -10.5319



Tritanopia

150.0080, -1.9759, 27.1800

Trichromacy



Original Color

151.6860, 23.3258, 31.8474



Protanomaly

148.3120, 30.4122, -1.1506



Deuteranomaly

149.1080, 23.1178, 5.1673



Tritanomaly

150.7230, 7.0386, 29.1839

Monochromacy



Original Color

151.6860, 23.3258, 31.8474



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.9550, 8.4032, 11.4405

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6860, 23.3258, 31.8474 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(188, 124, 199)` looks like.

```
.text, #text, p{  
    color:rgb(188, 124, 199)  
}
```

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(188, 124, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 124, 199) }
```

Border

The CSS property to change the border of an element to YUV 151.6860, 23.3258, 31.8474 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(188, 124, 199) }
```


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

```
.border{ border-color:rgb(188, 124, 199) }
```

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

Here you see how a box with a 4 pixel rgb(188, 124, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 124, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 124, 199);  
box-shadow:4px 4px 4px 4px rgb(188, 124,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 151.6860, 23.3258, 31.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 124, 199) }
```

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

```
.background{ background-color: rgb(188,  
124, 199) }
```

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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