

Converting Colors

YUV(150.7680, 18.8484,
21.2515)

Have a look what the booklet for
YUV(150.7680, 18.8484, 21.2515)
contains.

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Color

**YUV(150.7680, 18.8484,
21.2515)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AF83BD |
| RGB | 175, 131, 189 |
| RGB Percent | 69%, 51%, 74% |
| CMY | 0.3137, 0.4863, 0.2588 |
| CMYK | 0.07, 0.31, 0.00, 0.26 |
| HSL | 286°, 31%, 63% |
| HSV | 286°, 31%, 74% |
| XYZ | 34.9808, 29.0207, 51.9020 |
| YIQ | 150.7680, 7.6060, 27.3660 |

Conversions

Conversions Part 2

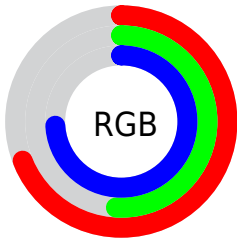
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 175, 131, 189 |
| Decimal | 11502525 |
| CIE _{Lab} | 60.80, 27.28, -23.82 |
| CIE _{LCh} | 61, 36.217, 318.878 |
| Yxy | 29.0207, 0.3018, 0.2504 |
| Android (android.graphics.Color) | 4289692605 (0xFFAF83BD) |
| YUV | 150.7680, 18.8484, 21.2515 |
| Hunter-Lab | 53.8708, 21.6342, -19.4135 |

Details

The YUV color $150.7680, 18.8484, 21.2515$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $169.2320, -18.8484, -21.2515$, and the grayscale version is $151.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.0070, 19.7165, 22.7959$, and $99.4150, 17.5434, 19.8070$ is the 20% darker color. If you saturate the color by 10%, you get $138.1200, 25.0838, 27.9588$, and if you desaturate by 10%, it is $163.4160, 12.6129, 14.5442$.

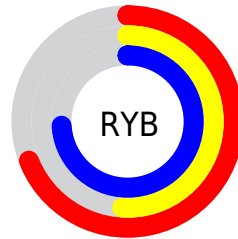
Distribution



Red (69%)

Green (51%)

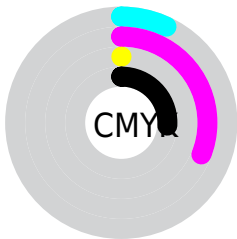
Blue (74%)



Red (69%)

Yellow (51%)

Blue (74%)

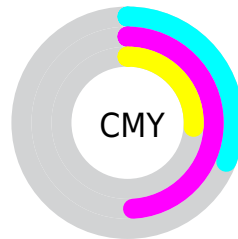


Cyan (7%)

Magenta (31%)

Yellow (0%)

Black (26%)



Cyan (31%)


Magenta (49%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.7680, 18.8484, 21.2515 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 150.7680, 18.8484, 21.2515 by changing the saturation by 10% instead.


 150.7680, 18.8484,
21.2515


 150.7680, 18.8484,
21.2515


255.0000, 0.0000,
0.0000

 124.3550, 18.5590,
20.7367


 205.0070, 19.7165,
22.7959


 99.4150, 17.5434,
19.8070


 229.7590, 12.4438,
22.1364

 74.7030, 17.4014,
18.6775

 246.7820, 4.0515,
7.2072

 51.1760, 16.6752,
18.2626

 28.4640, 16.5332,
17.1331

 13.5300, 13.0497,
14.4442

 2.6390, 7.5730,

-2.3144

■ 0.0000, 0.0000,
0.0000

■ 150.7680, 18.8484,
21.2515

■ 150.7680, 18.8484,
21.2515

■ 138.1200, 25.0838,
27.9588

■ 163.4160, 12.6129,
14.5442

■ 125.7710, 31.1719,
35.2808

■ 175.7650, 6.5249,
7.2221

■ 113.1230, 37.4074,
41.9881

■ 188.4130, 0.2894,
0.5148

■ 100.7740, 43.4954,
49.3102

■ 200.7620, -5.7987,
-6.8073

■ 88.1260, 49.7309,
56.0175

■ 213.4100,
-12.0341, -13.5146

■ 76.3640, 55.5295,
62.8248

■ 225.1720,
-17.8328, -20.3218

■ 64.3030, 61.4756,
69.0173

■ 233.1240,
-21.7531, -22.9107

■ 234.3200,
-22.3428, -20.4516

■ 235.8150,
-23.0798, -17.3778

Harmonies

Analogous

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



147.0070, 29.5765, -13.1611



150.7680, 18.8484, 21.2515



150.5400, 4.6638, 44.2534

Triad

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



150.7680, 18.8484, 21.2515



145.5650, -30.3515, 28.4455



114.6050, 25.3377, -100.5086

Complementary

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



150.7680, 18.8484, 21.2515



169.2320, -18.8484, -21.2515

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.



130.8760, 1.0471, -56.0193



150.7680, 18.8484, 21.2515



142.2800, -28.2390, 4.1394

Square

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



150.7680, 18.8484, 21.2515



147.5100, -23.4224, 46.0337



138.2640, -17.3852, -23.9105



116.0360, 38.4363, -101.7636

Rectangle

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



150.7680, 18.8484, 21.2515



148.9510, -5.3988, 51.7860



138.2640, -17.3852, -23.9105



121.4130, 16.5584, -84.5542

Sweetspot

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



150.7680, 18.8484, 21.2515



230.2920, 7.2510, 7.6369



146.4170, 20.9934, -13.5207



113.4720, 4.2043, 4.8481



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.7680, 18.8484, 21.2515



185.0050, 29.5775, 33.3216



153.3580, 10.6695, 31.2580



88.1190, 2.8993, 3.4036



53.8920, 51.3252, 57.9767



10.4110, 10.1504, 11.0406

Inverse Universe

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



149.9380, -2.4344, 34.2574



183.7170, -3.8045, 53.7452



166.7560, -10.2327, -31.3580



87.9190, -0.4531, 5.3330



51.5740, -6.6920, 93.3356



10.0670, -1.5120, 18.3582

Previews

White Background



This preview shows how the YUV color 150.7680, 18.8484, 21.2515 looks on a white background.

Color Contrast Check

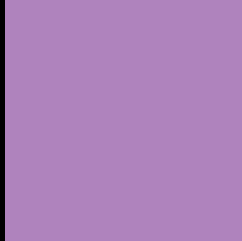
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.7680, 18.8484, 21.2515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

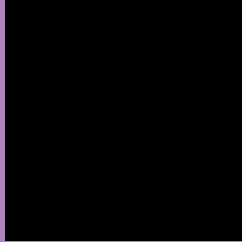
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.7680, 18.8484, 21.2515

Background



This preview shows how black text looks on a background with the YUV color 150.7680, 18.8484, 21.2515.



This preview shows how white text looks on a background with the YUV color 150.7680, 18.8484,

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

150.7680, 18.8484, 21.2515

Protanopia

146.9700, 25.6508, -14.0057

Deuteranopia

147.8910, 18.7877, -6.0434



Tritanopia

149.1100, -0.0542, 17.4435

Trichromacy



Original Color

150.7680, 18.8484, 21.2515

Protanomaly

148.3630, 22.9920, -1.1954

Deuteranomaly

148.6580, 18.9026, 3.8079

Tritanomaly

149.6570, 7.0711, 18.7178

Monochromacy



Original Color

150.7680, 18.8484, 21.2515

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.1780, 6.8142, 7.7369

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7680, 18.8484, 21.2515 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(175, 131, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 131, 189)  
}
```

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(175, 131, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 131, 189) }
```

Border

The CSS property to change the border of an element to YUV 150.7680, 18.8484, 21.2515 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(175, 131, 189) }
```


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

```
.border{ border-color:rgb(175, 131, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 131, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 131, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 131, 189);  
box-shadow:4px 4px 4px 4px rgb(175, 131,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 150.7680, 18.8484, 21.2515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 131, 189) }
```

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

```
.background{ background-color: rgb(175,  
131, 189) }
```

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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