

Converting Colors

YUV(150.1300, 6.3449, 18.3030)

Have a look what the booklet for
YUV(150.1300, 6.3449, 18.3030)
contains.

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Color

**YUV(150.1300, 6.3449,
18.3030)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB89A3 |
| RGB | 171, 137, 163 |
| RGB Percent | 67%, 54%, 64% |
| CMY | 0.3294, 0.4627, 0.3608 |
| CMYK | 0.00, 0.20, 0.05, 0.33 |
| HSL | 314°, 17%, 60% |
| HSV | 314°, 20%, 67% |
| XYZ | 32.3511, 29.1936, 38.5802 |
| YIQ | 150.1300, 11.9180, 15.2940 |

Conversions

Conversions Part 2

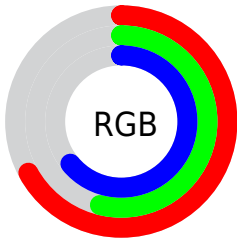
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 171, 137, 163 |
| Decimal | 11241891 |
| CIELab | 60.95, 17.41, -8.85 |
| CIELCh | 61, 19.532, 333.063 |
| Yxy | 29.1936, 0.3231, 0.2916 |
| Android (android.graphics.Color) | 4289431971 (0xFFAB89A3) |
| YUV | 150.1300, 6.3449, 18.3030 |
| Hunter-Lab | 54.0311, 12.3224, -4.5135 |

Details

The YUV color **150.1300, 6.3449, 18.3030** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157.8700, -6.3449, -18.3030**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8420, 6.4869, 19.4326**, and **99.0050, 5.9135, 16.6586** is the 20% darker color. If you saturate the color by 10%, you get **139.6950, 9.5174, 27.4545**, and if you desaturate by 10%, it is **160.5650, 3.1725, 9.1515**.

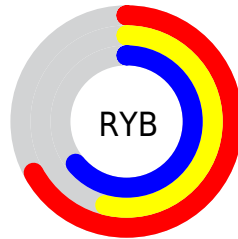
Distribution



Red (67%)

Green (54%)

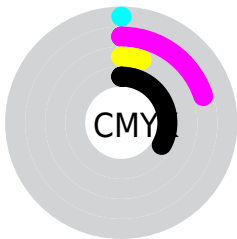
Blue (64%)



Red (67%)

Yellow (54%)

Blue (64%)

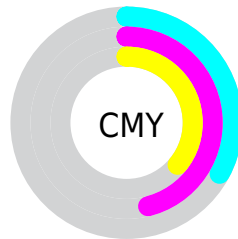


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.1300, 6.3449, 18.3030 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 150.1300, 6.3449, 18.3030 by changing the saturation by 10% instead.

 150.1300, 6.3449,
18.3030


 150.1300, 6.3449,
18.3030

255.0000, 0.0000,
0.0000

 123.8310, 6.4923,
17.6882


 204.8420, 6.4869,
19.4326


 99.0050, 5.9135,
16.6586

 232.2550, 6.7763,
19.9474

 74.7060, 6.0609,
16.0438

 250.3040, 2.3151,
4.1184

 51.9940, 5.9190,
14.9143

 30.5810, 5.6296,
14.3995

 10.8800, 5.4822,
15.0142

 0.0000, 0.0000,

0.0000

■ 150.1300, 6.3449,
18.3030

■ 150.1300, 6.3449,
18.3030

■ 139.6950, 9.5174,
27.4545

■ 160.5650, 3.1725,
9.1515

■ 129.2600, 12.6898,
36.6060

■ 171.0000, 0.0000,
0.0000

■ 118.8250, 15.8623,
45.7575

■ 181.4350, -3.1725,
-9.1515

■ 108.3900, 19.0347,
54.9090

■ 191.8700, -6.3449,
-18.3030

■ 97.3680, 22.4966,
64.5753

■ 202.3050, -9.5174,
-27.4545

■ 86.9330, 25.6690,
73.7268

■ 213.3270,
-12.9792, -37.1208

76.4980, 28.8415,
82.8783

222.5880,
-15.5729, -45.2427

66.0630, 32.0139,
92.0297

223.0440,
-13.8257, -45.6426

223.5000,
-12.0785, -46.0425

Harmonies

Analogous

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



148.8660, 13.3771, 2.7485



150.1300, 6.3449, 18.3030



150.0080, -1.9759, 27.1800

Triad

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



150.1300, 6.3449, 18.3030



145.8260, -16.1832, 10.6766



139.9830, 12.3334, -35.9421

Complementary

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



150.1300, 6.3449, 18.3030



157.8700, -6.3449, -18.3030

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.



140.1270, 3.8814, -31.6834



150.1300, 6.3449, 18.3030



144.2370, -12.9348, -4.5928

Square

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



150.1300, 6.3449, 18.3030



147.8320, -15.2002, 22.0723



141.7990, -5.3239, -19.1177



142.2810, 17.1165, -30.0644

Rectangle

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



150.1300, 6.3449, 18.3030



149.2380, -7.5123, 29.6093



141.7990, -5.3239, -19.1177



140.0000, 9.8600, -35.9570

Sweetspot

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



150.1300, 6.3449, 18.3030



214.0270, 2.4517, 6.9923



143.2680, 13.6719, 1.5190



107.0760, 1.4415, 4.3183



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



150.1300, 6.3449, 18.3030



189.4070, 9.6593, 28.5841



148.1920, -1.0807, 20.0026



81.4890, 1.7309, 4.8331



57.9600, 28.1207, 80.7191



8.9290, 4.4720, 12.3403

Inverse Universe

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



150.1300, 6.3449, 18.3030



189.4070, 9.6593, 28.5841



159.8080, 1.0807, -20.0026



81.4890, 1.7309, 4.8331



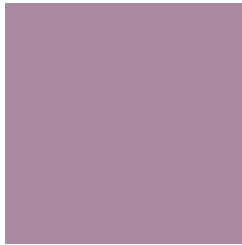
57.9600, 28.1207, 80.7191



8.9290, 4.4720, 12.3403

Previews

White Background



This preview shows how the YUV color 150.1300, 6.3449, 18.3030 looks on a white background.

Color Contrast Check

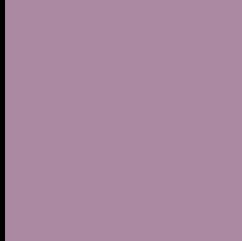
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.1300, 6.3449, 18.3030 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 150.1300, 6.3449, 18.3030

Background



This preview shows how black text looks on a background with the YUV color 150.1300, 6.3449, 18.3030.



This preview shows how white text looks on a background with the YUV color 150.1300, 6.3449,

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

150.1300, 6.3449, 18.3030

Protanopia

147.7250, 10.4886, -4.1438

Deuteranopia

148.7540, 6.5303, 5.4777



Tritanopia

149.2240, 0.3826, 17.3436

Trichromacy



Original Color

150.1300, 6.3449, 18.3030

Protanomaly

148.7260, 9.0091, 3.7483

Deuteranomaly

149.3740, 6.2246, 10.1960

Tritanomaly

149.5060, 2.7085, 17.9732

Monochromacy



Original Color

150.1300, 6.3449, 18.3030

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.1300, 6.3449, 18.3030 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(171, 137, 163)` looks like.

```
.text, #text, p{  
    color:rgb(171, 137, 163)  
}
```

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(171, 137, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 163) }
```

Border

The CSS property to change the border of an element to YUV 150.1300, 6.3449, 18.3030 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(171, 137, 163) }
```


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

```
.border{ border-color:rgb(171, 137, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 137, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 163);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 150.1300, 6.3449, 18.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 163) }
```

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

```
.background{ background-color: rgb(171,  
137, 163) }
```

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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