

Converting Colors

YUV(152.7600, 10.9643,
30.0285)

Have a look what the booklet for
YUV(152.7600, 10.9643, 30.0285)
contains.

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Color

**YUV(152.7600, 10.9643,
30.0285)**

Conversions

Conversions Part 1

Format	Color
Hex	BB83AF
RGB	187, 131, 175
RGB Percent	73%, 51%, 69%
CMY	0.2667, 0.4863, 0.3137
CMYK	0.00, 0.30, 0.06, 0.27
HSL	313°, 29%, 62%
HSV	313°, 30%, 73%
XYZ	36.3477, 29.8925, 44.4115
YIQ	152.7600, 19.2520, 25.5560

Conversions

Conversions Part 2

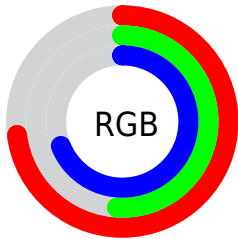
Format	Color
RYB	187, 131, 175
Decimal	12288943
CIELab	61.56, 28.61, -14.60
CIELCh	62, 32.117, 332.968
Yxy	29.8925, 0.3285, 0.2701
Android (android.graphics.Color)	4290479023 (0xFFBB83AF)
YUV	152.7600, 10.9643, 30.0285
Hunter-Lab	54.6741, 22.9883, -9.8892

Details

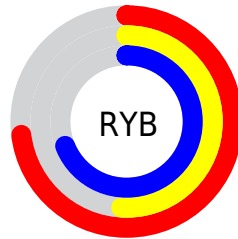
The YUV color **152.7600, 10.9643, 30.0285** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165.2400, -10.9643, -30.0285**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8850, 11.3957, 31.6729**, and **101.2220, 10.2436, 27.8693** is the 20% darker color. If you saturate the color by 10%, you get **141.1510, 14.7156, 40.2096**, and if you desaturate by 10%, it is **164.3690, 7.2131, 19.8474**.

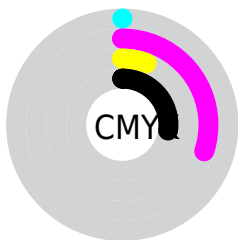
Distribution



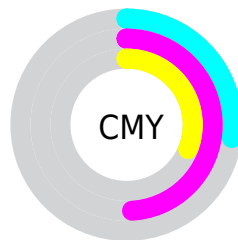
- Red (73%)
- Green (51%)
- Blue (69%)



- Red (73%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (27%)




- Cyan (27%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 152.7600, 10.9643, 30.0285 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 152.7600, 10.9643, 30.0285 by changing the saturation by 10% instead.


 152.7600, 10.9643,
30.0285


 152.7600, 10.9643,
30.0285


255.0000, 0.0000,
0.0000

 126.3470, 10.6749,
29.5137


 207.8850, 11.3957,
31.6729


 101.2220, 10.2436,
27.8693


 230.3460, 12.1544,
21.6216

 76.6240, 10.5384,
26.6398

 246.7820, 4.0515,
7.2072

 52.3250, 10.6858,
26.0250

 29.0260, 10.8332,
25.4102

 14.7820, 7.5025,
20.3622

 0.0000, 0.0000,

0.0000

152.7600, 10.9643,
30.0285

152.7600, 10.9643,
30.0285

141.1510, 14.7156,
40.2096

164.3690, 7.2131,
19.8474

130.1290, 18.1774,
49.8759

175.3910, 3.7512,
10.1811

118.5200, 21.9286,
60.0570

187.0000, 0.0000,
0.0000

106.9110, 25.6799,
70.2381

198.6090, -3.7512,
-10.1811

95.3020, 29.4311,
80.4191

209.6310, -7.2131,
-19.8474

84.2800, 32.8930,
90.0854

221.2400,
-10.9643, -30.0285

■ 72.6710, 36.6442,
100.2665

■ 228.7400,
-12.6898, -36.6060

■ 229.1960,
-10.9426, -37.0059

■ 229.6520, -9.1954,
-37.4058

Harmonies

Analogous

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



151.1680, 22.1022, 4.2377



152.7600, 10.9643, 30.0285



152.0040, -2.4670, 44.7235

Triad

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



152.7600, 10.9643, 30.0285



146.5850, -27.4034, 16.1500



128.0470, 25.1198, -77.2172

Complementary

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



152.7600, 10.9643, 30.0285



165.2400, -10.9643, -30.0285

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.



132.9170, 8.9149, -59.5632



152.7600, 10.9643, 30.0285



143.3370, -21.3651, -7.3115

Square

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



152.7600, 10.9643, 30.0285



148.8030, -24.5529, 35.2528



139.2010, -8.4801, -33.5023



135.4650, 31.3228, -60.0438

Rectangle

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



152.7600, 10.9643, 30.0285



150.7240, -11.2029, 46.7231



139.2010, -8.4801, -33.5023



128.8040, 20.3096, -74.3731

Sweetspot

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



152.7600, 10.9643, 30.0285



228.6300, 4.6194, 11.7255



140.6730, 22.8392, 1.1638



114.1410, 2.8885, 6.8923



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.



152.7600, 10.9643, 30.0285



188.8790, 17.3147, 46.5871



149.6820, -0.8292, 32.7279



88.4890, 1.7309, 4.8331



61.3780, 30.8726, 84.7375



12.0050, 5.9135, 16.6586

Inverse Universe

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



152.7600, 10.9643, 30.0285



188.8790, 17.3147, 46.5871



168.3180, 0.8292, -32.7279



88.4890, 1.7309, 4.8331



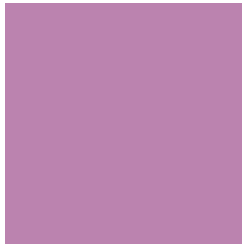
61.3780, 30.8726, 84.7375



12.0050, 5.9135, 16.6586

Previews

White Background



This preview shows how the YUV color 152.7600, 10.9643, 30.0285 looks on a white background.

Color Contrast Check

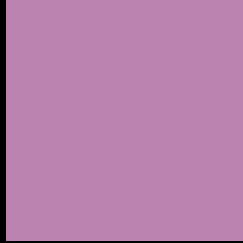
Large Text (above 18pt) WCAG AA ✓ Pass

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 152.7600, 10.9643, 30.0285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

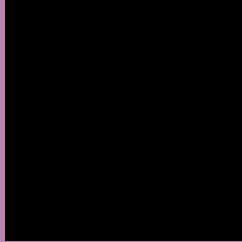
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 152.7600, 10.9643, 30.0285

Background



This preview shows how black text looks on a background with the YUV color 152.7600, 10.9643, 30.0285.



This preview shows how white text looks on a background with the YUV color 152.7600, 10.9643,

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

152.7600, 10.9643, 30.0285

Protanopia

149.3530, 18.0670, -8.2026

Deuteranopia

150.1710, 10.7617, 1.6040



Tritanopia

151.3070, -2.1234, 27.7948

Trichromacy



Original Color

152.7600, 10.9643, 30.0285

Protanomaly

150.4580, 15.5502, 5.7373

Deuteranomaly

151.2370, 10.7292, 12.0702

Tritanomaly

151.5720, 2.6760, 28.4394

Monochromacy



Original Color

152.7600, 10.9643, 30.0285

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8040, 4.0406, 10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7600, 10.9643, 30.0285 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(187, 131, 175)` looks like.

```
.text, #text, p{  
    color:rgb(187, 131, 175)  
}
```

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(187, 131, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 131, 175) }
```

Border

The CSS property to change the border of an element to YUV 152.7600, 10.9643, 30.0285 is called "border". The border property can be set on classes, ids or directly on the HTML element.

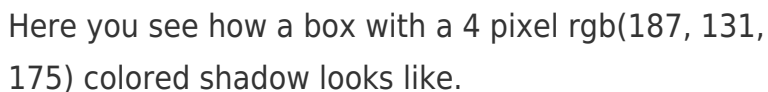
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 131, 175) }
```


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

```
.border{ border-color:rgb(187, 131, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 131, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 131, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 131, 175); box-shadow:4px 4px 4px 4px rgb(187, 131, 175) }
```

Background

The CSS property to change the background color of an element to YUV 152.7600, 10.9643, 30.0285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 131, 175) }
```

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

```
.background{ background-color: rgb(187,  
131, 175) }
```

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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