

# Converting Colors

YUV(152.3580, 10.6695,  
31.2580)

Have a look what the booklet for  
YUV(152.3580, 10.6695, 31.2580)  
contains.

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# Color

**YUV(152.3580, 10.6695,  
31.2580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BC82AE
RGB	188, 130, 174
RGB Percent	74%, 51%, 68%
CMY	0.2627, 0.4902, 0.3176
CMYK	0.00, 0.31, 0.07, 0.26
HSL	314°, 30%, 62%
HSV	314°, 31%, 74%
XYZ	36.3617, 29.7126, 43.8630
YIQ	152.3580, 20.4440, 25.9800

# Conversions

## Conversions Part 2

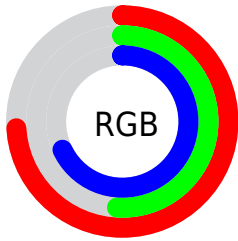
Format	Color
R <sub>Y</sub> B	188, 130, 174
Decimal	12354222
CIE Lab	61.41, 29.33, -14.25
CIE LCh	61, 32.606, 334.081
Yxy	29.7126, 0.3307, 0.2703
Android (android.graphics.Color)	4290544302 (0xFFBC82AE)
YUV	152.3580, 10.6695, 31.2580
Hunter-Lab	54.5093, 23.6812, -9.5535

# Details

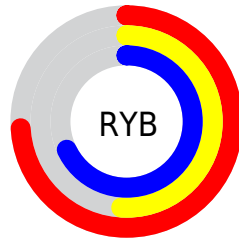
The YUV color **152.3580, 10.6695, 31.2580** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **165.6420, -10.6695, -31.2580**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4830, 11.1009, 32.9024**, and **100.9340, 10.3855, 28.9989** is the 20% darker color. If you saturate the color by 10%, you get **140.6350, 13.9839, 41.5391**, and if you desaturate by 10%, it is **164.0810, 7.3551, 20.9770**.

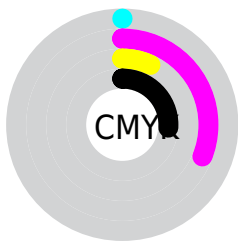
# Distribution



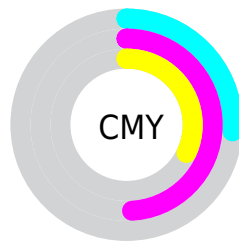
- Red (74%)
- Green (51%)
- Blue (68%)



- Red (74%)
- Yellow (51%)
- Blue (68%)



- Cyan (0%)
- Magenta (31%)
- Yellow (7%)
- Black (26%)




- Cyan (26%)
- Magenta (49%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 152.3580, 10.6695, 31.2580 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 152.3580, 10.6695, 31.2580 by changing the saturation by 10% instead.




 152.3580, 10.6695,  
31.2580


 152.3580, 10.6695,  
31.2580


255.0000, 0.0000,  
0.0000


 125.9450, 10.3801,  
30.7432

 207.4830, 11.1009,  
32.9024


 100.9340, 10.3855,  
28.9989


 229.1720, 12.7332,  
22.6512

 76.2220, 10.2436,  
27.8693

 246.1950, 4.3409,  
7.7220

 51.9230, 10.3910,  
27.2545

 27.7380, 10.9752,  
26.5398

 14.7820, 7.5025,  
20.3622

 0.0000, 0.0000,

0.0000

■ 152.3580, 10.6695,  
31.2580

■ 152.3580, 10.6695,  
31.2580

■ 140.6350, 13.9839,  
41.5391

■ 164.0810, 7.3551,  
20.9770

■ 129.0260, 17.7352,  
51.7202

■ 175.6900, 3.6038,  
10.7959

■ 117.8900, 20.7602,  
61.4865

■ 186.8260, 0.5788,  
1.0296

■ 106.2810, 24.5115,  
71.6676

■ 198.4350, -3.1725,  
-9.1515

■ 94.5580, 27.8259,  
81.9486

■ 210.1580, -6.4869,  
-19.4326

■ 82.9490, 31.5771,  
92.1297

■ 221.7670,  
-10.2381, -29.6137

72.5140, 34.7496,  
101.2812

229.3810,  
-11.5268, -36.2911

229.8370, -9.7796,  
-36.6910

230.4070, -7.5957,  
-37.1909

# Harmonies

## Analogous

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



150.8800, 22.2442, 5.3672



152.3580, 10.6695, 31.2580



151.1890, -3.0512, 45.4382

# Triad

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



152.3580, 10.6695, 31.2580



146.1720, -27.6928, 15.6352



126.6660, 26.2937, -80.3911

# Complementary

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



152.3580, 10.6695, 31.2580



165.6420, -10.6695, -31.2580

# 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.



131.7210, 9.5045, -62.0223



152.3580, 10.6695, 31.2580



142.7390, -21.0703, -8.5411

# Square

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



152.3580, 10.6695, 31.2580



148.2760, -25.2791, 34.8379



138.3040, -8.0379, -35.3466



134.8670, 31.6176, -61.2734



# Rectangle

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



152.3580, 10.6695, 31.2580



150.2080, -11.9345, 48.0526



138.3040, -8.0379, -35.3466



126.8360, 21.7729, -77.0322

# Sweetspot

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



152.3580, 10.6695, 31.2580



231.4020, 3.7458, 11.9254



140.7980, 23.2706, 2.8082



114.0270, 2.4517, 6.9923



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.



152.3580, 10.6695, 31.2580



189.0750, 16.7250, 49.0462



149.0520, -1.9976, 34.1574



88.4890, 1.7309, 4.8331



60.9220, 29.1255, 85.1374



11.8910, 5.4767, 16.7586



# Inverse Universe

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



152.3580, 10.6695, 31.2580



189.0750, 16.7250, 49.0462



168.9480, 1.9976, -34.1574



88.4890, 1.7309, 4.8331



60.9220, 29.1255, 85.1374



11.8910, 5.4767, 16.7586



# Previews

## White Background



This preview shows how the YUV color 152.3580, 10.6695, 31.2580 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

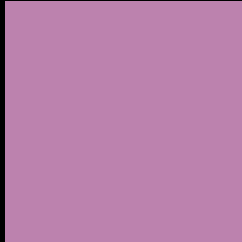
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 152.3580, 10.6695, 31.2580 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

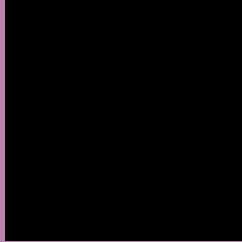
Any Text WCAG AA ✓ Pass

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 152.3580, 10.6695, 31.2580 Background



This preview shows how black text looks on a background with the YUV color 152.3580, 10.6695, 31.2580.



This preview shows how white text looks on a background with the YUV color 152.3580, 10.6695,



# 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

152.3580, 10.6695, 31.2580

### Protanopia

149.0540, 18.2144, -8.8174

### Deuteranopia

150.0570, 10.3249, 1.7040



## Tritanopia

150.9050, -2.4182, 29.0243

# Trichromacy



## Original Color

152.3580, 10.6695, 31.2580

## Protanomaly

150.4580, 15.5502, 5.7373

## Deuteranomaly

151.1230, 10.2924, 12.1701

## Tritanomaly

151.1700, 2.3812, 29.6689

# Monochromacy



## Original Color

152.3580, 10.6695, 31.2580

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.1030, 3.8932, 11.3107

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.3580, 10.6695, 31.2580 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, 130, 174)` looks like.

```
.text, #text, p{  
    color:rgb(188, 130, 174)  
}
```

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, 130, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 130, 174) }
```

## Border

The CSS property to change the border of an element to YUV 152.3580, 10.6695, 31.2580 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, 130, 174) }
```



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

```
.border{ border-color:rgb(188, 130, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 130, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 130, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 130, 174);  
box-shadow:4px 4px 4px 4px rgb(188, 130,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 152.3580, 10.6695, 31.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 130, 174) }
```

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

```
.background{ background-color: rgb(188,  
130, 174) }
```

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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