

Converting Colors

YUV(158.0360, 12.3073,
19.2624)

Have a look what the booklet for
YUV(158.0360, 12.3073, 19.2624)
contains.

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Color

**YUV(158.0360, 12.3073,
19.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	B48EB7
RGB	180, 142, 183
RGB Percent	71%, 56%, 72%
CMY	0.2941, 0.4431, 0.2824
CMYK	0.02, 0.22, 0.00, 0.28
HSL	296°, 22%, 64%
HSV	296°, 22%, 72%
XYZ	37.0426, 32.4682, 49.1144
YIQ	158.0360, 9.4870, 20.8070

Conversions

Conversions Part 2

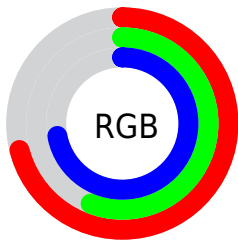
Format	Color
RYB	180, 142, 183
Decimal	11833015
CIELab	63.73, 21.57, -15.92
CIELCh	64, 26.808, 323.564
Yxy	32.4682, 0.3123, 0.2737
Android (android.graphics.Color)	4290023095 (0xFFB48EB7)
YUV	158.0360, 12.3073, 19.2624
Hunter-Lab	56.9809, 16.3244, -11.2181

Details

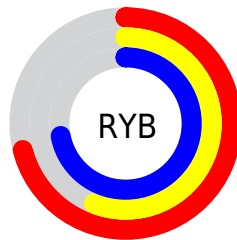
The YUV color **158.0360, 12.3073, 19.2624** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **166.9640, -12.3073, -19.2624**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8620, 12.8860, 20.2920**, and **106.2100, 11.7285, 18.2328** is the 20% darker color. If you saturate the color by 10%, you get **147.1710, 17.6637, 27.9140**, and if you desaturate by 10%, it is **168.9010, 6.9508, 10.6108**.

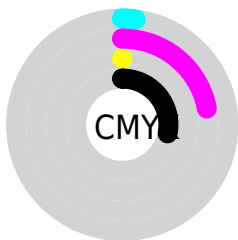
Distribution



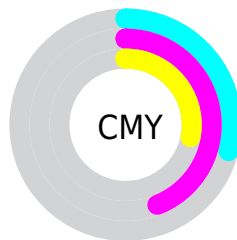
- Red (71%)
- Green (56%)
- Blue (72%)



- Red (71%)
- Yellow (56%)
- Blue (72%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (28%)





- Cyan (29%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.0360, 12.3073, 19.2624 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 158.0360, 12.3073, 19.2624 by changing the saturation by 10% instead.


 158.0360, 12.3073,
19.2624

 158.0360, 12.3073,
19.2624


255.0000, 0.0000,
0.0000


 131.6230, 12.0179,
18.7476


 212.8620, 12.8860,
20.2920


 106.2100, 11.7285,
18.2328


 236.8030, 8.9711,
15.9588

 82.0850, 11.2971,
16.5885

 253.8260, 0.5788,
1.0296

 58.6720, 11.0077,
16.0737

 35.8460, 10.4289,
15.0441

 13.9710, 10.8603,
16.6884

 1.3680, 5.2416,

-1.1997

0.0000, 0.0000,
0.0000

158.0360, 12.3073,
19.2624

158.0360, 12.3073,
19.2624

147.1710, 17.6637,
27.9140

168.9010, 6.9508,
10.6108

135.4200, 23.4569,
36.4657

180.6520, 1.1576,
2.0592

124.5550, 28.8134,
45.1173

191.5170, -4.1989,
-6.5924

113.6900, 34.1698,
53.7689

202.3820, -9.5553,
-15.2440

102.5260, 39.6737,
61.8057

214.1330,
-15.3486, -23.7956

91.0740, 45.3195,
70.9721

224.9980,
-20.7050, -32.4472

80.2090, 50.6760,
79.6237

227.0580,
-21.7206, -33.3769

71.6920, 54.8748,
86.2161

227.6560,
-22.0154, -32.1473

227.9550,
-22.1628, -31.5325

Harmonies

Analogous

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



155.7710, 20.8189, -4.1842



158.0360, 12.3073, 19.2624



157.9750, 1.4913, 35.1019

Triad

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



158.0360, 12.3073, 19.2624



153.4590, -22.9043, 19.7685



141.6710, 15.4452, -54.0855

Complementary

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



158.0360, 12.3073, 19.2624



166.9640, -12.3073, -19.2624

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.



144.2030, 1.8719, -40.5200



158.0360, 12.3073, 19.2624



151.3210, -20.3713, 0.5955

Square

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



158.0360, 12.3073, 19.2624



155.2850, -18.8745, 33.9531



147.5940, -11.1388, -20.6919



144.1690, 23.5807, -50.1372

Rectangle

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



158.0360, 12.3073, 19.2624



157.2330, -6.5239, 39.2607



147.5940, -11.1388, -20.6919



142.5420, 11.0718, -51.3413

Sweetspot

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



158.0360, 12.3073, 19.2624



227.3090, 4.7777, 7.6220



148.4350, 17.0405, -5.6435



113.8310, 3.0413, 4.5332



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



158.0360, 12.3073, 19.2624



197.9370, 19.2581, 29.8733



156.9950, 4.4395, 22.8064



86.4180, 2.7519, 4.0184



60.8400, 46.9139, 72.9313



10.9660, 8.3978, 13.1848

Inverse Universe

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



154.6010, -4.7333, 24.9059



192.7060, -7.2501, 38.8458



168.0050, -4.4395, -22.8064



85.6910, -1.3267, 5.5330



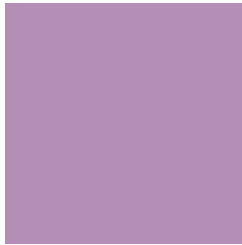
47.8980, -18.1907, 94.8055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 158.0360, 12.3073, 19.2624 looks on a white background.

Color Contrast Check

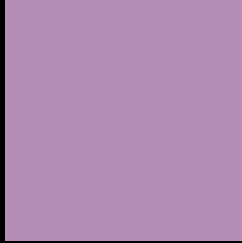
Large Text (above 18pt) WCAG AA × Fail

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 158.0360, 12.3073, 19.2624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

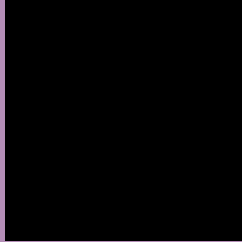
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0360, 12.3073, 19.2624 Background



This preview shows how black text looks on a background with the YUV color 158.0360, 12.3073, 19.2624.



This preview shows how white text looks on a background with the YUV color 158.0360, 12.3073,

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

158.0360, 12.3073, 19.2624

Protanopia

155.2390, 17.6302, -8.1026

Deuteranopia

156.2140, 12.2195, 0.6893



Tritanopia

156.9250, 0.5300, 16.7288

Trichromacy



Original Color

158.0360, 12.3073, 19.2624

Protanomaly

156.1370, 15.7085, 1.6339

Deuteranomaly

156.9590, 12.3452, 7.0520

Tritanomaly

157.0760, 4.8925, 17.4733

Monochromacy



Original Color

158.0360, 12.3073, 19.2624

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0360, 12.3073, 19.2624 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(180, 142, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 142, 183)  
}
```

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(180, 142, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 142, 183) }
```

Border

The CSS property to change the border of an element to YUV 158.0360, 12.3073, 19.2624 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(180, 142, 183) }
```


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

```
.border{ border-color:rgb(180, 142, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 142, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 142, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 142, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 142,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 158.0360, 12.3073, 19.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 142, 183) }
```

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

```
.background{ background-color: rgb(180,  
142, 183) }
```

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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