

Converting Colors

YUV(153.8840, 12.8752,
23.7807)

Have a look what the booklet for
YUV(153.8840, 12.8752, 23.7807)
contains.

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Color

**YUV(153.8840, 12.8752,
23.7807)**

Conversions

Conversions Part 1

Format	Color
Hex	B587B4
RGB	181, 135, 180
RGB Percent	71%, 53%, 71%
CMY	0.2902, 0.4706, 0.2941
CMYK	0.00, 0.25, 0.01, 0.29
HSL	301°, 24%, 62%
HSV	301°, 25%, 71%
XYZ	35.9582, 30.4470, 47.1617
YIQ	153.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

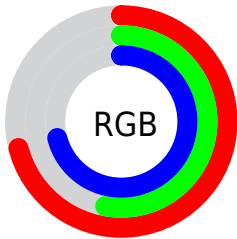
Format	Color
R_{YB}	181, 135, 180
Decimal	11896756
CIE _{Lab}	62.04, 25.25, -16.78
CIE _{LCh}	62, 30.317, 326.404
Yxy	30.4470, 0.3166, 0.2681
Android (android.graphics.Color)	4290086836 (0xFFB587B4)
YUV	153.8840, 12.8752, 23.7807
Hunter-Lab	55.1788, 19.7598, -12.0504

Details

The YUV color **153.8840, 12.8752, 23.7807** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **162.1160, -12.8752, -23.7807**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.7100, 13.4540, 24.8103**, and **102.3460, 12.1544, 21.6216** is the 20% darker color. If you saturate the color by 10%, you get **143.3180, 18.0842, 33.0471**, and if you desaturate by 10%, it is **164.4500, 7.6661, 14.5143**.

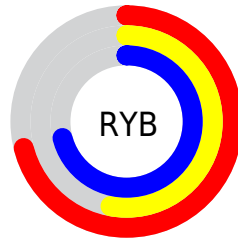
Distribution



Red (71%)

Green (53%)

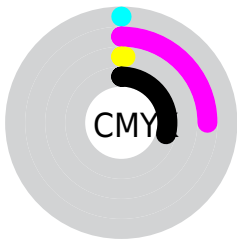
Blue (71%)



Red (71%)

Yellow (53%)

Blue (71%)

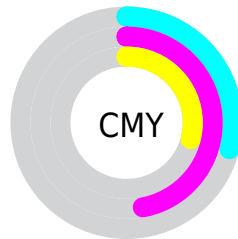


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.8840, 12.8752, 23.7807 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 153.8840, 12.8752, 23.7807 by changing the saturation by 10% instead.


 153.8840, 12.8752,
23.7807


 153.8840, 12.8752,
23.7807


255.0000, 0.0000,
0.0000


 127.4710, 12.5858,
23.2659


 208.7100, 13.4540,
24.8103


 102.3460, 12.1544,
21.6216


 232.6940, 10.9969,
19.5624

 77.9330, 11.8650,
21.1068

 249.1300, 2.8939,
5.1480

 54.2210, 11.7230,
19.9772

 31.8080, 11.4337,
19.4624

 14.0420, 9.8393,
17.5032

 0.7980, 3.0576,

-0.6998

■ 0.0000, 0.0000,
0.0000

■ 153.8840, 12.8752,
23.7807

■ 153.8840, 12.8752,
23.7807

■ 143.3180, 18.0842,
33.0471

■ 164.4500, 7.6661,
14.5143

■ 132.6380, 22.8565,
42.4135

■ 175.1300, 2.8939,
5.1480

■ 122.0720, 28.0655,
51.6799

■ 185.6960, -2.3151,
-4.1184

■ 111.3920, 32.8377,
61.0462

■ 196.3760, -7.0874,
-13.4848

■ 100.8260, 38.0468,
70.3126

■ 207.5290,
-12.5858, -23.2659

■ 89.6730, 43.5452,
80.0938

■ 218.0950,
-17.7948, -32.5323

■ 78.9930, 48.3175,
89.4601

■ 224.6660,
-20.5413, -38.2951

■ 74.2970, 50.6326,
93.5785

■ 224.7800,
-20.1045, -38.3951

Harmonies

Analogous

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



151.6510, 22.8501, -2.3249



153.8840, 12.8752, 23.7807



153.3670, 0.3121, 40.0201

Triad

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



153.8840, 12.8752, 23.7807



148.3620, -25.8145, 19.8535



133.0330, 19.7037, -66.6809

Complementary

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



153.8840, 12.8752, 23.7807



162.1160, -12.8752, -23.7807

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.



136.8320, 4.5198, -49.8417



153.8840, 12.8752, 23.7807



146.1420, -22.2550, -1.8785

Square

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



153.8840, 12.8752, 23.7807



150.4980, -21.9375, 36.3973



141.5610, -11.1226, -25.9250



136.6670, 28.2652, -59.3440

Rectangle

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



153.8840, 12.8752, 23.7807



152.5110, -8.1399, 44.2789



141.5610, -11.1226, -25.9250



134.0890, 14.7461, -63.2221

Sweetspot

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



153.8840, 12.8752, 23.7807



223.7330, 5.0616, 9.8812



140.5430, 19.9453, -3.9842



110.5430, 3.1833, 5.6628



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



153.8840, 12.8752, 23.7807



193.0950, 19.6732, 36.7507



151.2620, 2.8288, 26.0802



83.7170, 2.6045, 4.6332



62.8470, 42.9664, 79.0642



10.6240, 7.0874, 13.4848

Inverse Universe

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



153.8840, 12.8752, 23.7807



193.0950, 19.6732, 36.7507



164.7380, -2.8288, -26.0802



83.7170, 2.6045, 4.6332



62.8470, 42.9664, 79.0642



10.6240, 7.0874, 13.4848

Previews

White Background



This preview shows how the YUV color 153.8840, 12.8752, 23.7807 looks on a white background.

Color Contrast Check

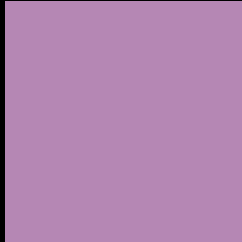
Large Text (above 18pt) WCAG AA × Fail

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 153.8840, 12.8752, 23.7807 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 153.8840, 12.8752, 23.7807

Background



This preview shows how black text looks on a background with the YUV color 153.8840, 12.8752, 23.7807.



This preview shows how white text looks on a background with the YUV color 153.8840, 12.8752, 23.7807.

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

153.8840, 12.8752, 23.7807

Protanopia

150.8690, 18.7986, -9.5321

Deuteranopia

151.7300, 12.9511, -0.6402



Tritanopia

152.3170, -0.6493, 21.6470

Trichromacy



Original Color

153.8840, 12.8752, 23.7807

Protanomaly

152.0770, 16.7240, 2.5635

Deuteranomaly

152.7850, 12.9240, 8.0816

Tritanomaly

152.6960, 4.5869, 22.1916

Monochromacy



Original Color

153.8840, 12.8752, 23.7807

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8840, 12.8752, 23.7807 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(181, 135, 180)` looks like.

```
.text, #text, p{  
    color:rgb(181, 135, 180)  
}
```

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(181, 135, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 135, 180) }
```

Border

The CSS property to change the border of an element to YUV 153.8840, 12.8752, 23.7807 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(181, 135, 180) }
```


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

```
.border{ border-color:rgb(181, 135, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 135, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 135, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 135, 180);  
box-shadow:4px 4px 4px 4px rgb(181, 135,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 153.8840, 12.8752, 23.7807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 135, 180) }
```

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

```
.background{ background-color: rgb(181,  
135, 180) }
```

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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