

Converting Colors

YUV(133.7630, 23.2878,
44.0578)

Have a look what the booklet for
YUV(133.7630, 23.2878, 44.0578)
contains.

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Color

**YUV(133.7630, 23.2878,
44.0578)**

Conversions

Conversions Part 1

Format	Color
Hex	B863B5
RGB	184, 99, 181
RGB Percent	72%, 39%, 71%
CMY	0.2784, 0.6118, 0.2902
CMYK	0.00, 0.46, 0.02, 0.28
HSL	302°, 37%, 55%
HSV	302°, 46%, 72%
XYZ	32.5695, 22.4502, 46.3328
YIQ	133.7630, 24.3380, 43.5220

Conversions

Conversions Part 2

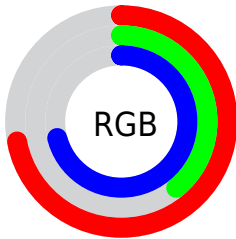
Format	Color
RYB	184, 99, 181
Decimal	12084149
CIELab	54.50, 46.00, -28.88
CIELCh	55, 54.314, 327.881
Yxy	22.4502, 0.3213, 0.2215
Android (android.graphics.Color)	4290274229 (0xFFB863B5)
YUV	133.7630, 23.2878, 44.0578
Hunter-Lab	47.3817, 39.7805, -24.8103

Details

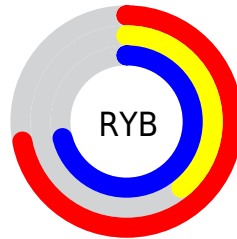
The YUV color **133.7630, 23.2878, 44.0578** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **149.2370, -23.2878, -44.0578**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.6000, 23.8612, 46.8318**, and **80.7520, 23.2933, 42.3135** is the 20% darker color. If you saturate the color by 10%, you get **123.0830, 28.0601, 53.4242**, and if you desaturate by 10%, it is **144.4430, 18.5156, 34.6915**.

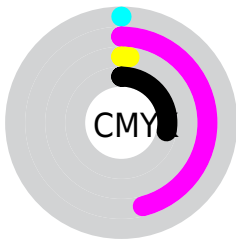
Distribution



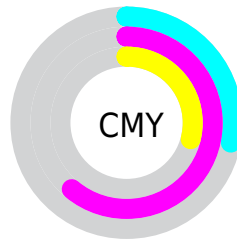
- Red (72%)
- Green (39%)
- Blue (71%)



- Red (72%)
- Yellow (39%)
- Blue (71%)



- Cyan (0%)
- Magenta (46%)
- Yellow (2%)
- Black (28%)




- Cyan (28%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.7630, 23.2878, 44.0578 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 133.7630, 23.2878, 44.0578 by changing the saturation by 10% instead.

 133.7630, 23.2878,
44.0578


 133.7630, 23.2878,
44.0578


255.0000, 0.0000,
0.0000


 107.0510, 23.1459,
42.9283


 188.6000, 23.8612,
46.8318


 80.7520, 23.2933,
42.3135


 210.9750, 21.7043,
38.6099


 52.6920, 24.3088,
43.2431

 227.4110, 13.6014,
24.1956

 31.6160, 22.8673,
38.9248

 244.4340, 5.2090,
9.2664

 21.8180, 16.3587,
26.4696

 11.5360, 10.5818,
12.6849

 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 133.7630, 23.2878,
44.0578

■ 133.7630, 23.2878,
44.0578

■ 123.0830, 28.0601,
53.4242

■ 144.4430, 18.5156,
34.6915

■ 111.9300, 33.5585,
63.2054

■ 155.5960, 13.0172,
24.9103

■ 101.2500, 38.3308,
72.5717

■ 166.2760, 8.2449,
15.5439

■ 89.9830, 43.3924,
82.4529

■ 177.5430, 3.1833,
5.6628

■ 79.4170, 48.6014,
91.7193

■ 188.1090, -2.0257,
-3.6036

75.3080, 50.6272,
95.3229

198.7890, -6.7980,
-12.9700

210.0560,
-11.8596, -22.8511

220.6220,
-17.0686, -32.1175

226.0190,
-19.2364, -36.8507

Harmonies

Analogous

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



131.6240, 40.6114, -5.8092



133.7630, 23.2878, 44.0578



129.3740, 3.2666, 72.4630

Triad

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



133.7630, 23.2878, 44.0578



124.4560, -48.5388, 28.5411



108.9460, 31.5786, -95.5456

Complementary

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



133.7630, 23.2878, 44.0578



149.2370, -23.2878, -44.0578

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.



103.4740, 10.6123, -90.7467



133.7630, 23.2878, 44.0578



119.8150, -39.8418, -7.7308

Square

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



133.7630, 23.2878, 44.0578



127.3900, -38.1533, 57.5400



108.9130, -15.2401, -58.6827



110.7020, 48.4609, -97.0857

Rectangle

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



133.7630, 23.2878, 44.0578



127.5090, -11.5899, 77.6066



108.9130, -15.2401, -58.6827



107.8230, 24.7373, -94.5608

Sweetspot

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



133.7630, 23.2878, 44.0578



219.9280, 9.4025, 17.6031



109.5870, 36.6856, -6.6538



107.5590, 5.6404, 10.9108



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.



133.7630, 23.2878, 44.0578



161.9460, 36.0156, 68.4534



128.9750, 4.9423, 48.2569



86.6030, 2.1677, 4.7332



63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Inverse Universe

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



133.7630, 23.2878, 44.0578



161.9460, 36.0156, 68.4534



154.0250, -4.9423, -48.2569



86.6030, 2.1677, 4.7332



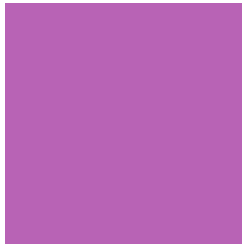
63.7440, 42.5242, 80.9085



11.4500, 7.6662, 14.5144

Previews

White Background



This preview shows how the YUV color 133.7630, 23.2878, 44.0578 looks on a white background.

Color Contrast Check

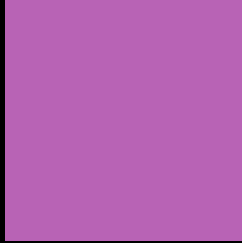
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7630, 23.2878, 44.0578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

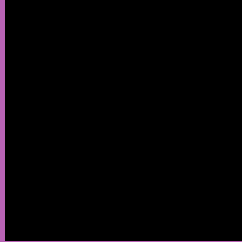
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.7630, 23.2878, 44.0578

Background



This preview shows how black text looks on a background with the YUV color 133.7630, 23.2878, 44.0578.



This preview shows how white text looks on a background with the YUV color 133.7630, 23.2878,

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

133.7630, 23.2878, 44.0578

Protanopia

129.0040, 37.4660, -23.6825

Deuteranopia

131.0690, 22.1510, -11.4615



Tritanopia

133.0480, -5.9397, 38.5459

Trichromacy



Original Color

133.7630, 23.2878, 44.0578



Protanomaly

130.4910, 32.2959, 1.3234



Deuteranomaly

132.0160, 22.6701, 8.7560



Tritanomaly

133.5180, 4.6746, 40.7647

Monochromacy



Original Color

133.7630, 23.2878, 44.0578



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

133.6890, 8.5343, 16.0587

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7630, 23.2878, 44.0578 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(184, 99, 181)` looks like.

```
.text, #text, p{  
    color:rgb(184, 99, 181)  
}
```

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(184, 99, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 99, 181) }
```

Border

The CSS property to change the border of an element to YUV 133.7630, 23.2878, 44.0578 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(184, 99, 181) }
```


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

```
.border{ border-color:rgb(184, 99, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 99, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 99, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 99, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 99,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 133.7630, 23.2878, 44.0578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 99, 181) }
```

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

```
.background{ background-color: rgb(184, 99,  
181) }
```

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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