

Converting Colors

YUV(160.1850, 23.0798,
17.3778)

Have a look what the booklet for
YUV(160.1850, 23.0798, 17.3778)
contains.

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Color

**YUV(160.1850, 23.0798,
17.3778)**

Conversions

Conversions Part 1

Format	Color
Hex	B48DCF
RGB	180, 141, 207
RGB Percent	71%, 55%, 81%
CMY	0.2941, 0.4471, 0.1882
CMYK	0.13, 0.32, 0.00, 0.19
HSL	275°, 41%, 68%
HSV	275°, 32%, 81%
XYZ	39.6098, 33.2580, 63.3633
YIQ	160.1850, 2.0580, 28.7940

Conversions

Conversions Part 2

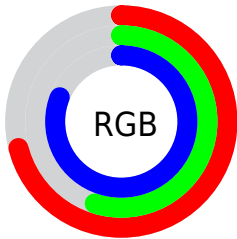
Format	Color
RYB	180, 141, 207
Decimal	11832783
CIELab	64.37, 27.05, -28.41
CIELCh	64, 39.229, 313.599
Yxy	33.2580, 0.2908, 0.2441
Android (android.graphics.Color)	4290022863 (0xFFB48DCF)
YUV	160.1850, 23.0798, 17.3778
Hunter-Lab	57.6698, 21.6783, -24.7746

Details

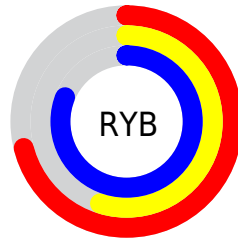
The YUV color **160.1850, 23.0798, 17.3778** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **187.8150, -23.0798, -17.3778**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.0990, 20.1642, 19.2072**, and **107.8320, 21.7748, 15.9333** is the 20% darker color. If you saturate the color by 10%, you get **145.4660, 30.3363, 23.2703**, and if you desaturate by 10%, it is **174.9040, 15.8233, 11.4852**.

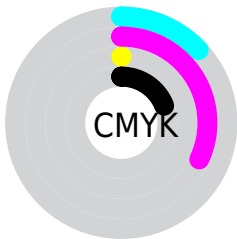
Distribution



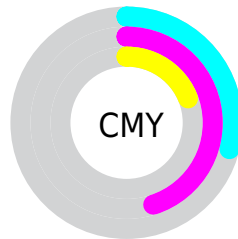
- Red (71%)
- Green (55%)
- Blue (81%)



- Red (71%)
- Yellow (55%)
- Blue (81%)



- Cyan (13%)
- Magenta (32%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (45%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.1850, 23.0798, 17.3778 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 160.1850, 23.0798, 17.3778 by changing the saturation by 10% instead.

■ 160.1850, 23.0798,
17.3778

■ 160.1850, 23.0798,
17.3778

255.0000, 0.0000,
0.0000

■ 133.6580, 22.3536,
16.9629

■ 214.0990, 20.1642,
19.2072

■ 107.8320, 21.7748,
15.9333

■ 236.2160, 9.2605,
16.4736

■ 83.3050, 21.0486,
15.5185

■ 253.2390, 0.8682,
1.5444

■ 59.4790, 20.4699,
14.4889

■ 36.6530, 19.8911,
13.4593

■ 14.8270, 19.3123,
12.4297

■ 3.6480, 13.9775,

-3.1993

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 160.1850, 23.0798,
17.3778

■ 160.1850, 23.0798,
17.3778

■ 145.4660, 30.3363,
23.2703

■ 174.9040, 15.8233,
11.4852

■ 131.0350, 37.4507,
28.0333

■ 189.3350, 8.7088,
6.7222

■ 116.3160, 44.7072,
33.9259

■ 204.0540, 1.4524,
0.8296

■ 101.2980, 52.1111,
39.2037

■ 219.0720, -5.9515,
-4.4481

87.1660, 59.0782,
44.5814

233.2040,
-12.9186, -9.8259

72.1480, 66.4820,
49.8592

242.3520,
-17.4285, -9.9557

60.0760, 72.4335,
54.3073

244.7440,
-18.6078, -5.0375

247.4350,
-19.9345, 0.4955

249.5280,
-20.9663, 4.7989

Harmonies

Analogous

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



154.8040, 34.1136, -21.7531



160.1850, 23.0798, 17.3778



160.4630, 8.1527, 45.1979

Triad

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



160.1850, 23.0798, 17.3778



154.7400, -32.4098, 35.3080



122.2190, 24.0490, -107.1861

Complementary

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



160.1850, 23.0798, 17.3778



187.8150, -23.0798, -17.3778

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.



139.9640, -2.4473, -55.2194



160.1850, 23.0798, 17.3778



151.8740, -32.4759, 9.7575

Square

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



160.1850, 23.0798, 17.3778



156.5540, -23.4441, 53.0111



147.5480, -21.4692, -20.6516



124.1060, 38.8947, -108.8410

Rectangle

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



160.1850, 23.0798, 17.3778



158.9560, -2.9363, 55.2896



147.5480, -21.4692, -20.6516



129.2340, 14.6746, -87.0282

Sweetspot

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



160.1850, 23.0798, 17.3778



237.3350, 8.7088, 6.7222



164.9600, 20.7257, -21.0129



116.5150, 5.6621, 3.9333



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



160.1850, 23.0798, 17.3778



186.1010, 33.9672, 25.3444



167.6880, 16.9158, 34.4766



97.0480, 3.9203, 2.5889



48.7530, 58.7888, 44.0666



11.8500, 14.3709, 10.6555

Inverse Universe

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



163.8120, 2.0647, 37.8759



191.5630, 3.1734, 55.6342



180.4260, -16.4790, -34.5766



97.7450, 0.1257, 6.3626



58.0980, 5.3747, 96.3841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 160.1850, 23.0798, 17.3778 looks on a white background.

Color Contrast Check

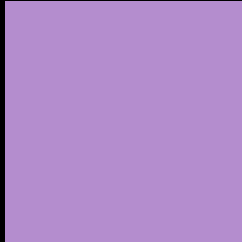
Large Text (above 18pt) WCAG AA × Fail

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 160.1850, 23.0798, 17.3778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

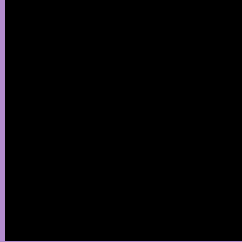
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.1850, 23.0798, 17.3778

Background



This preview shows how black text looks on a background with the YUV color 160.1850, 23.0798, 17.3778.



This preview shows how white text looks on a background with the YUV color 160.1850, 23.0798,

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

160.1850, 23.0798, 17.3778

Protanopia

156.0990, 30.0242, -16.7498

Deuteranopia

157.1230, 23.6034, -10.6319



Tritanopia

158.2450, 1.8512, 12.9401

Trichromacy



Original Color

160.1850, 23.0798, 17.3778

Protanomaly

157.4920, 27.3654, -3.9395

Deuteranomaly

158.1890, 23.5708, -0.1658

Tritanomaly

159.2050, 9.2659, 14.7292

Monochromacy



Original Color

160.1850, 23.0798, 17.3778

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9220, 8.4195, 6.2074

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.1850, 23.0798, 17.3778 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, 141, 207)` looks like.

```
.text, #text, p{  
    color:rgb(180, 141, 207)  
}
```

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, 141, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 141, 207) }
```

Border

The CSS property to change the border of an element to YUV 160.1850, 23.0798, 17.3778 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, 141, 207) }
```


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

```
.border{ border-color:rgb(180, 141, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 141, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 141, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 141, 207); box-shadow:4px 4px 4px 4px rgb(180, 141, 207) }
```

Background

The CSS property to change the background color of an element to YUV 160.1850, 23.0798, 17.3778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 141, 207) }
```

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

```
.background{ background-color: rgb(180,  
141, 207) }
```

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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