

Converting Colors

YUV(176.5850, 13.0226,
23.1660)

Have a look what the booklet for
YUV(176.5850, 13.0226, 23.1660)
contains.

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Color

**YUV(176.5850, 13.0226,
23.1660)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9ECB
RGB	203, 158, 203
RGB Percent	80%, 62%, 80%
CMY	0.2039, 0.3804, 0.2039
CMYK	0.00, 0.22, 0.00, 0.20
HSL	300°, 30%, 71%
HSV	300°, 22%, 80%
XYZ	47.6350, 41.4620, 61.9922
YIQ	176.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

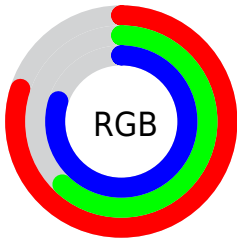
Format	Color
R_{YB}	203, 158, 203
Decimal	13344459
CIE _{Lab}	70.50, 24.32, -16.63
CIE _{LCh}	70, 29.463, 325.641
Yxy	41.4620, 0.3153, 0.2744
Android (android.graphics.Color)	4291534539 (0xFFCB9ECB)
YUV	176.5850, 13.0226, 23.1660
Hunter-Lab	64.3910, 19.3658, -12.0076

Details

The YUV color **176.5850, 13.0226, 23.1660** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.4150, -13.0226, -23.1660**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **123.4600, 12.5912, 21.5216** is the 20% darker color. If you saturate the color by 10%, you get **164.8450, 18.8104, 33.4619**, and if you desaturate by 10%, it is **188.3250, 7.2348, 12.8700**.

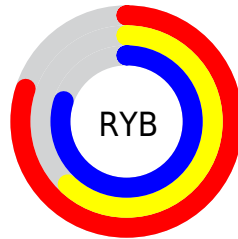
Distribution



Red (80%)

Green (62%)

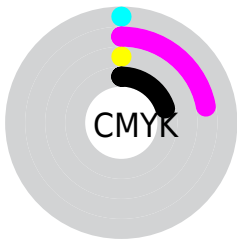
Blue (80%)



Red (80%)

Yellow (62%)

Blue (80%)

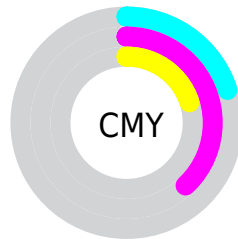


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (20%)



Cyan (20%)


Magenta (38%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.5850, 13.0226, 23.1660 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 176.5850, 13.0226, 23.1660 by changing the saturation by 10% instead.

 176.5850, 13.0226,
23.1660

 176.5850, 13.0226,
23.1660


255.0000, 0.0000,
0.0000


 149.8730, 12.8806,
22.0364

 230.3460, 12.1544,
21.6216


 123.4600, 12.5912,
21.5216

 246.7820, 4.0515,
7.2072

 98.6340, 12.0124,
20.4920

 74.2210, 11.7230,
19.9772

 50.5090, 11.5811,
18.8476

 28.0960, 11.2917,
18.3328

 12.8030, 8.9711,

15.9588

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 176.5850, 13.0226,
23.1660

■ 176.5850, 13.0226,
23.1660

■ 164.8450, 18.8104,
33.4619

■ 188.3250, 7.2348,
12.8700

■ 152.5180, 24.8876,
44.2727

■ 200.6520, 1.1576,
2.0592

■ 140.7780, 30.6754,
54.5687

■ 212.3920, -4.6303,
-8.2368

■ 129.0380, 36.4633,
64.8647

■ 224.1320,
-10.4181, -18.5328

■ 117.2980, 42.2511,
75.1607

■ 233.5240,
-15.0483, -26.7695

■ 104.9710, 48.3283,
85.9714

■ 93.2310, 54.1161,
96.2674

■ 83.8390, 58.7464,
104.5042

Harmonies

Analogous

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



174.3520, 22.9975, -2.9397



176.5850, 13.0226, 23.1660



176.3670, 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.



176.5850, 13.0226, 23.1660



171.0740, -25.6725, 20.9831



158.3110, 18.0877, -61.6627

Complementary

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



176.5850, 13.0226, 23.1660



184.4150, -13.0226, -23.1660

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.



160.8000, 3.0566, -47.1826



176.5850, 13.0226, 23.1660



168.5550, -21.9656, -1.3637

Square

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



176.5850, 13.0226, 23.1660



173.2100, -21.7955, 37.5268



164.7460, -11.7068, -25.2102



161.3470, 26.9439, -55.5553

Rectangle

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



176.5850, 13.0226, 23.1660



175.5110, -8.1399, 44.2789



164.7460, -11.7068, -25.2102



158.4810, 13.5669, -58.3038

Sweetspot

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



176.5850, 13.0226, 23.1660



244.4340, 5.2090, 9.2664



163.1300, 19.6559, -4.4990



121.5430, 3.1833, 5.6628



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.



176.5850, 13.0226, 23.1660



214.4970, 19.9680, 35.5211



174.0770, 3.4130, 25.3655



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Inverse Universe

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



176.5850, 13.0226, 23.1660



214.4970, 19.9680, 35.5211



187.0370, -2.9762, -25.4654



96.1300, 2.8939, 5.1480



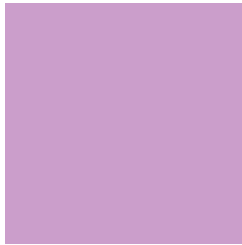
68.5580, 48.0389, 85.4566



15.6940, 10.9969, 19.5624

Previews

White Background



This preview shows how the YUV color 176.5850, 13.0226, 23.1660 looks on a white background.

Color Contrast Check

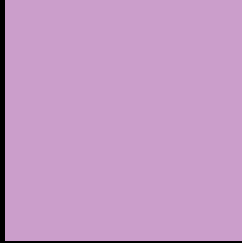
Large Text (above 18pt) WCAG AA × Fail

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 176.5850, 13.0226, 23.1660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

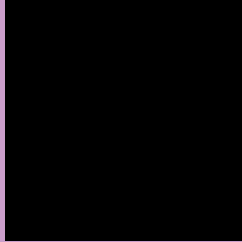
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.5850, 13.0226, 23.1660

Background



This preview shows how black text looks on a background with the YUV color 176.5850, 13.0226, 23.1660.



This preview shows how white text looks on a background with the YUV color 176.5850, 13.0226, 23.1660.

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

176.5850, 13.0226, 23.1660

Protanopia

173.2820, 19.0880, -9.0173

Deuteranopia

174.1540, 13.2351, 1.6189



Tritanopia

175.2460, 0.3717, 20.8323

Trichromacy



Original Color

176.5850, 13.0226, 23.1660

Protanomaly

174.4900, 17.0134, 3.0783

Deuteranomaly

174.9100, 13.3554, 9.7259

Tritanomaly

175.5110, 5.1711, 21.4769

Monochromacy



Original Color

176.5850, 13.0226, 23.1660

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.5850, 13.0226, 23.1660 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(203, 158, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 158, 203)  
}
```

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(203, 158, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 158, 203) }
```

Border

The CSS property to change the border of an element to YUV 176.5850, 13.0226, 23.1660 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(203, 158, 203) }
```


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

```
.border{ border-color:rgb(203, 158, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 158, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 158, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 158, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 158,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 176.5850, 13.0226, 23.1660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 158, 203) }
```

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

```
.background{ background-color: rgb(203,  
158, 203) }
```

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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