

Converting Colors

YUV(180.0530, 23.1449,
-3.5545)

Have a look what the booklet for
YUV(180.0530, 23.1449, -3.5545)
contains.

YUV(180.0530, 23.1449, -3.5545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(180.0530, 23.1449,
-3.5545)**

Conversions

Conversions Part 1

Format	Color
Hex	B0ADE3
RGB	176, 173, 227
RGB Percent	69%, 68%, 89%
CMY	0.3098, 0.3216, 0.1098
CMYK	0.22, 0.24, 0.00, 0.11
HSL	243°, 49%, 78%
HSV	243°, 24%, 89%
XYZ	46.7132, 44.6633, 78.8319
YIQ	180.0530, -15.5460, 17.4300

Conversions

Conversions Part 2

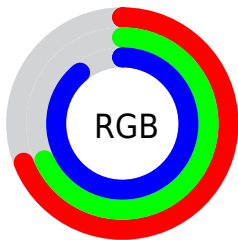
Format	Color
RYB	176, 173, 227
Decimal	11578851
CIELab	72.67, 12.39, -26.71
CIELCh	73, 29.441, 294.877
Yxy	44.6633, 0.2744, 0.2624
Android (android.graphics.Color)	4289768931 (0xFFB0ADE3)
YUV	180.0530, 23.1449, -3.5545
Hunter-Lab	66.8306, 7.8142, -23.1557

Details

The YUV color **180.0530, 23.1449, -3.5545** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **219.9470, -23.1449, 3.5545**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.2740, 11.2039, -0.2403**, and **127.2980, 21.5451, -3.7693** is the 20% darker color. If you saturate the color by 10%, you get **160.2730, 32.8964, -4.6244**, and if you desaturate by 10%, it is **199.8330, 13.3933, -2.4845**.

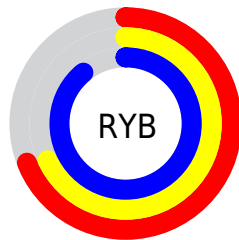
Distribution



Red (69%)

Green (68%)

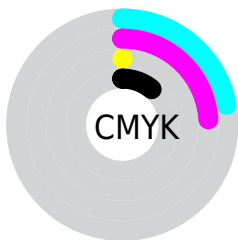
Blue (89%)



Red (69%)

Yellow (68%)

Blue (89%)

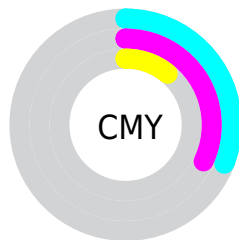


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.0530, 23.1449, -3.5545 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 180.0530, 23.1449, -3.5545 by changing the saturation by 10% instead.

■ 180.0530, 23.1449,
-3.5545

■ 180.0530, 23.1449,
-3.5545

255.0000, 0.0000,
0.0000

■ 152.9390, 22.7081,
-3.4545

■ 232.2740, 11.2039,
-0.2403

■ 127.2980, 21.5451,
-3.7693

■ 101.8850, 21.2557,
-4.2841

■ 77.3580, 20.5295,
-4.6990

■ 54.4180, 19.5139,
-5.6286

■ 31.8800, 18.7932,
-7.7878

■ 7.8310, 19.8033,

-5.1138

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 180.0530, 23.1449,
-3.5545

■ 180.0530, 23.1449,
-3.5545

■ 160.2730, 32.8964,
-4.6244

■ 199.8330, 13.3933,
-2.4845

■ 140.7810, 42.5060,
-6.8239

■ 219.3250, 3.7838,
-0.2850

■ 121.0010, 52.2575,
-7.8939

■ 239.1050, -5.9678,
0.7849

■ 100.9220, 62.1565,
-9.5786

■ 251.8080,
-12.2303, 2.7994

■ 81.7290, 71.6186,
-11.1633

■ 61.6500, 81.5175,
-12.8480

■ 41.8700, 91.2691,
-13.9180

■ 29.7650, 97.2369,
-14.7029

Harmonies

Analogous

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



174.1310, 28.0364, -32.5639



180.0530, 23.1449, -3.5545



182.4000, 13.6068, 22.4512

Triad

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



180.0530, 23.1449, -3.5545



179.5090, -21.9429, 38.1416



166.8000, 3.0566, -47.1826

Complementary

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



180.0530, 23.1449, -3.5545



219.9470, -23.1449, 3.5545

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.



171.0450, -11.8542, -24.5955



180.0530, 23.1449, -3.5545



177.3730, -25.8199, 21.5979

Square

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



180.0530, 23.1449, -3.5545



181.1860, -11.9237, 44.5639



174.7400, -22.5498, -0.6490



164.4960, 17.5035, -60.9480

Rectangle

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



180.0530, 23.1449, -3.5545



182.5990, 5.1277, 35.4317



174.7400, -22.5498, -0.6490



168.0630, -2.4961, -39.5203

Sweetspot

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



180.0530, 23.1449, -3.5545



239.3510, 7.7150, -1.1848



209.0930, 8.8282, -31.6536



118.5530, 4.6574, -0.4850



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.



180.0530, 23.1449, -3.5545



190.6320, 31.7334, -4.9393



188.1260, 19.1649, 13.0445



104.6670, 5.0942, -0.5850



23.3960, 76.7128, -11.7483



6.7110, 21.8345, -3.2545

Inverse Universe

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



194.9600, 14.3167, 28.0991



211.1060, 19.6677, 38.4950



211.8740, -19.1649, -13.0445



107.8420, 3.0359, 6.2776



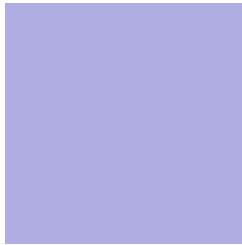
72.7870, 47.4330, 93.1488



20.7210, 13.4485, 26.5547

Previews

White Background



This preview shows how the YUV color 180.0530, 23.1449, -3.5545 looks on a white background.

Color Contrast Check

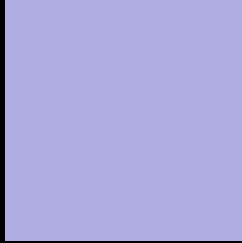
Large Text (above 18pt) WCAG AA × Fail

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 180.0530, 23.1449, -3.5545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

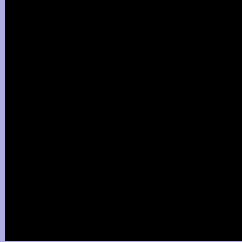
Any Text WCAG AA ✓ Pass

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 180.0530, 23.1449, -3.5545 Background



This preview shows how black text looks on a background with the YUV color 180.0530, 23.1449, -3.5545.



This preview shows how white text looks on a background with the YUV color 180.0530, 23.1449, -3.5545.

-3.5545.

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

180.0530, 23.1449, -3.5545

Protanopia

178.4540, 24.9192, -12.6762

Deuteranopia

179.4330, 23.4505, -8.2727



Tritanopia

177.9050, 7.4418, -6.9327

Trichromacy



Original Color

180.0530, 23.1449, -3.5545

Protanomaly

178.9490, 24.1821, -9.6023

Deuteranomaly

179.4440, 23.4451, -6.5284

Tritanomaly

178.6970, 12.9674, -5.8733

Monochromacy



Original Color

180.0530, 23.1449, -3.5545

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.8780, 8.4411, -0.7700

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.0530, 23.1449, -3.5545 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(176, 173, 227)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 227)  
}
```

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(176, 173, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 227) }
```

Border

The CSS property to change the border of an element to YUV 180.0530, 23.1449, -3.5545 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(176, 173, 227) }
```


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

```
.border{ border-color:rgb(176, 173, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 173, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 173, 227); box-shadow:4px 4px 4px 4px rgb(176, 173, 227) }
```

Background

The CSS property to change the background color of an element to YUV 180.0530, 23.1449, -3.5545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 227) }
```

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

```
.background{ background-color: rgb(176,  
173, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor