

Converting Colors

YUV(163.3470, 23.9859, 6.7117)

Have a look what the booklet for
YUV(163.3470, 23.9859, 6.7117)
contains.

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Color

**YUV(163.3470, 23.9859,
6.7117)**

Conversions

Conversions Part 1

Format	Color
Hex	AB96D4
RGB	171, 150, 212
RGB Percent	67%, 59%, 83%
CMY	0.3294, 0.4118, 0.1686
CMYK	0.19, 0.29, 0.00, 0.17
HSL	260°, 42%, 71%
HSV	260°, 29%, 83%
XYZ	39.5846, 35.2241, 66.9999
YIQ	163.3470, -7.3860, 23.7340

Conversions

Conversions Part 2

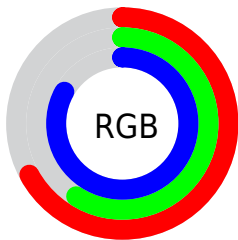
Format	Color
RYB	171, 150, 212
Decimal	11245268
CIELab	65.92, 20.28, -28.87
CIELCh	66, 35.276, 305.087
Yxy	35.2241, 0.2791, 0.2484
Android (android.graphics.Color)	4289435348 (0xFFAB96D4)
YUV	163.3470, 23.9859, 6.7117
Hunter-Lab	59.3499, 15.1919, -25.3874

Details

The YUV color **163.3470, 23.9859, 6.7117** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **198.6530, -23.9859, -6.7117**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.6910, 18.8863, 9.0410**, and **111.2930, 22.5336, 5.8820** is the 20% darker color. If you saturate the color by 10%, you get **146.8340, 32.1268, 8.9156**, and if you desaturate by 10%, it is **179.8600, 15.8450, 4.5078**.

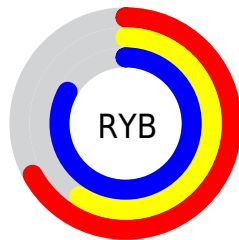
Distribution



Red (67%)

Green (59%)

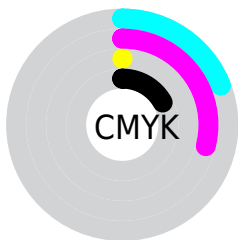
Blue (83%)



Red (67%)

Yellow (59%)

Blue (83%)

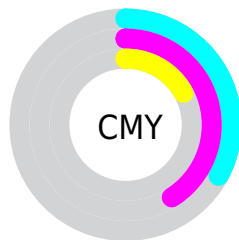


Cyan (19%)

Magenta (29%)

Yellow (0%)

Black (17%)



Cyan (33%)

Magenta (41%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3470, 23.9859, 6.7117 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 163.3470, 23.9859, 6.7117 by changing the saturation by 10% instead.

■ 163.3470, 23.9859,
6.7117

■ 163.3470, 23.9859,
6.7117

255.0000, 0.0000,
0.0000

■ 136.8200, 23.2597,
6.2969

■ 216.6910, 18.8863,
9.0410

■ 111.2930, 22.5336,
5.8820

■ 241.4990, 6.6560,
11.8404

■ 86.4670, 21.9548,
4.8524

■ 62.8260, 20.7918,
4.5376

■ 40.5870, 19.9236,
2.9932

■ 17.8750, 19.7816,
1.8636

■ 4.1040, 15.7247,

-3.5992

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 163.3470, 23.9859,
6.7117

■ 163.3470, 23.9859,
6.7117

■ 146.8340, 32.1268,
8.9156

■ 179.8600, 15.8450,
4.5078

■ 130.3210, 40.2677,
11.1195

■ 196.3730, 7.7041,
2.3039

■ 113.2210, 48.6980,
13.8382

■ 213.4730, -0.7262,
-0.4148

■ 96.7080, 56.8390,
16.0421

■ 229.9860, -8.8671,
-2.6187

■ 80.1950, 64.9799,
18.2460

■ 245.9120,
-16.7186, -4.3078

■ 63.6820, 73.1208,
20.4499

■ 250.0980,
-18.7823, 4.2991

■ 47.1690, 81.2617,
22.6538

■ 45.6960, 81.9879,
23.0686

Harmonies

Analogous

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



157.0050, 32.5355, -28.9454



163.3470, 23.9859, 6.7117



164.7930, 10.9481, 35.2615

Triad

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



163.3470, 23.9859, 6.7117



159.9020, -28.0527, 37.7969



140.9480, 11.8576, -70.1144

Complementary

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



163.3470, 23.9859, 6.7117



198.6530, -23.9859, -6.7117

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.



148.8690, -8.3164, -39.3501



163.3470, 23.9859, 6.7117



157.4880, -30.3136, 16.2350

Square

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



163.3470, 23.9859, 6.7117



161.3240, -17.9077, 50.5819



153.8590, -23.1015, -10.4003



134.2130, 29.9680, -92.2718

Rectangle

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



163.3470, 23.9859, 6.7117



163.7530, 1.6008, 46.6976



153.8590, -23.1015, -10.4003



144.1790, 4.8418, -59.7930

Sweetspot

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



163.3470, 23.9859, 6.7117



237.0140, 8.8671, 2.6187



181.1350, 15.2164, -27.3054



116.2050, 5.8149, 1.5742



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.



163.3470, 23.9859, 6.7117



185.1160, 34.4528, 9.5453



172.6160, 19.4163, 25.7698



98.4500, 4.2152, 1.3594



36.8360, 66.1429, 18.5608



9.3870, 16.5712, 4.9226

Inverse Universe

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



173.2120, 8.7695, 34.0171



199.3370, 12.6519, 48.8165



189.3840, -19.4163, -25.7698



100.0870, 1.4361, 6.0627



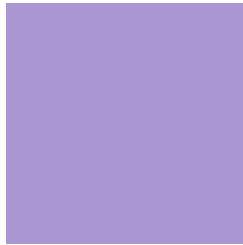
64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 163.3470, 23.9859, 6.7117 looks on a white background.

Color Contrast Check

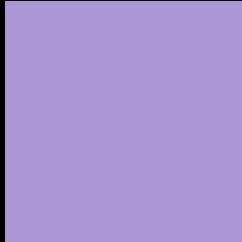
Large Text (above 18pt) WCAG AA × Fail

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 163.3470, 23.9859, 6.7117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

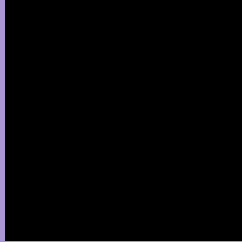
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.3470, 23.9859, 6.7117

Background



This preview shows how black text looks on a background with the YUV color 163.3470, 23.9859, 6.7117.



This preview shows how white text looks on a background with the YUV color 163.3470, 23.9859, 6.7117.

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

163.3470, 23.9859, 6.7117

Protanopia

160.3550, 28.4190, -15.2203

Deuteranopia

161.2370, 24.0402, -10.7318



Tritanopia

161.1620, 4.3571, 2.4889

Trichromacy



Original Color

163.3470, 23.9859, 6.7117

Protanomaly

161.3560, 26.9395, -7.3282

Deuteranomaly

161.9820, 24.1659, -4.3692

Tritanomaly

162.0080, 11.3351, 4.3780

Monochromacy



Original Color

163.3470, 23.9859, 6.7117

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0140, 8.8671, 2.6187

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3470, 23.9859, 6.7117 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(171, 150, 212)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 212)  
}
```

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(171, 150, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 212) }
```

Border

The CSS property to change the border of an element to YUV 163.3470, 23.9859, 6.7117 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(171, 150, 212) }
```


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

```
.border{ border-color:rgb(171, 150, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 212);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 163.3470, 23.9859, 6.7117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 212) }
```

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

```
.background{ background-color: rgb(171,  
150, 212) }
```

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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