

Converting Colors

YUV(164.2770, 23.5274,
13.7891)

Have a look what the booklet for
YUV(164.2770, 23.5274, 13.7891)
contains.

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Color

**YUV(164.2770, 23.5274,
13.7891)**

Conversions

Conversions Part 1

Format	Color
Hex	B493D4
RGB	180, 147, 212
RGB Percent	71%, 58%, 83%
CMY	0.2941, 0.4235, 0.1686
CMYK	0.15, 0.31, 0.00, 0.17
HSL	270°, 43%, 70%
HSV	270°, 31%, 83%
XYZ	41.1398, 35.3242, 66.9373
YIQ	164.2770, -1.1970, 27.2110

Conversions

Conversions Part 2

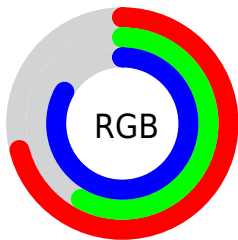
Format	Color
R _Y B	180, 147, 212
Decimal	11834324
CIE Lab	66.00, 24.77, -28.68
CIE LCh	66, 37.895, 310.818
Yxy	35.3242, 0.2869, 0.2463
Android (android.graphics.Color)	4290024404 (0xFFB493D4)
YUV	164.2770, 23.5274, 13.7891
Hunter-Lab	59.4342, 19.5462, -25.1710

Details

The YUV color **164.2770, 23.5274, 13.7891** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **194.7230, -23.5274, -13.7891**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6210, 18.4278, 16.1184**, and **111.9240, 22.2225, 12.3447** is the 20% darker color. If you saturate the color by 10%, you get **148.9600, 31.0787, 18.4521**, and if you desaturate by 10%, it is **179.5940, 15.9762, 9.1261**.

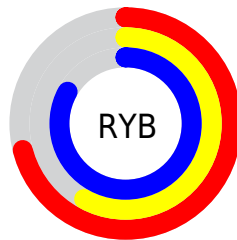
Distribution



Red (71%)

Green (58%)

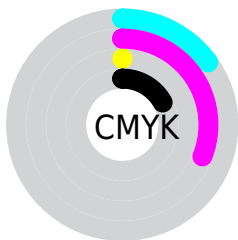
Blue (83%)



Red (71%)

Yellow (58%)

Blue (83%)

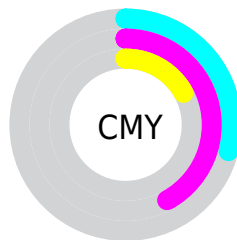


Cyan (15%)

Magenta (31%)

Yellow (0%)

Black (17%)



Cyan (29%)

Magenta (42%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.2770, 23.5274, 13.7891 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 164.2770, 23.5274, 13.7891 by changing the saturation by 10% instead.

■ 164.2770, 23.5274,
13.7891

■ 164.2770, 23.5274,
13.7891

255.0000, 0.0000,
0.0000

■ 137.7500, 22.8012,
13.3742

■ 217.6210, 18.4278,
16.1184

■ 111.9240, 22.2225,
12.3447

■ 239.7380, 7.5242,
13.3848

■ 87.3970, 21.4963,
11.9298

■ 63.4570, 20.4807,
11.0002

■ 40.6310, 19.9019,
9.9706

■ 17.9190, 19.7599,
8.8410

■ 4.1040, 15.7247,

-3.5992

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 164.2770, 23.5274,
13.7891

■ 164.2770, 23.5274,
13.7891

■ 148.9600, 31.0787,
18.4521

■ 179.5940, 15.9762,
9.1261

■ 133.3440, 38.7774,
22.5003

■ 195.2100, 8.2775,
5.0778

■ 117.4400, 46.6181,
27.6781

■ 211.1140, 0.4368,
-0.1000

■ 101.8240, 54.3168,
31.7264

■ 226.7300, -7.2619,
-4.1482

86.5070, 61.8680,
36.3894

242.0470,
-14.8132, -8.8112

70.8910, 69.5667,
40.4376

246.5100,
-17.0134, -3.0783

56.4600, 76.6812,
45.2006

249.5000,
-18.4875, 3.0695

250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



158.9670, 33.5403, -24.5271



164.2770, 23.5274, 13.7891



165.0820, 9.3266, 42.0241

Triad

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



164.2770, 23.5274, 13.7891



159.6800, -31.3942, 36.2376



133.9500, 18.7587, -90.2871

Complementary

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



164.2770, 23.5274, 13.7891



194.7230, -23.5274, -13.7891

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.



146.4270, -4.6475, -49.4865



164.2770, 23.5274, 13.7891



156.4120, -31.7551, 11.9167

Square

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



164.2770, 23.5274, 13.7891



161.7110, -21.5495, 51.9965



152.4560, -21.9168, -17.0629



126.5680, 38.1740, -111.0001

Rectangle

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



164.2770, 23.5274, 13.7891



163.9880, -1.4731, 52.6305



152.4560, -21.9168, -17.0629



138.8720, 10.4161, -74.4327

Sweetspot

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



164.2770, 23.5274, 13.7891



238.2100, 8.2775, 5.0778



173.1940, 19.1314, -22.9721



117.1020, 5.3727, 3.4185



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.



164.2770, 23.5274, 13.7891



186.0680, 33.9835, 20.1114



173.8450, 18.8104, 33.4619



99.0480, 3.9203, 2.5889



45.5070, 61.8680, 36.3894



11.4800, 15.5394, 9.2260

Inverse Universe

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



170.0830, 4.3961, 36.7612



194.3500, 6.2365, 53.1901



185.1550, -18.8104, -33.4619



99.9730, 0.9993, 6.1627



60.7050, 11.4844, 96.7287



15.2510, 2.8343, 24.3359

Previews

White Background



This preview shows how the YUV color 164.2770, 23.5274, 13.7891 looks on a white background.

Color Contrast Check

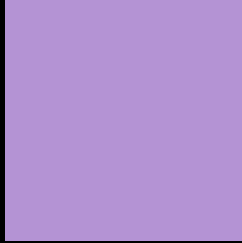
Large Text (above 18pt) WCAG AA × Fail

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 164.2770, 23.5274, 13.7891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

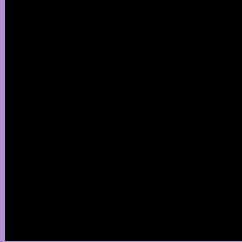
Any Text WCAG AA ✓ Pass

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 164.2770, 23.5274, 13.7891 Background



This preview shows how black text looks on a background with the YUV color 164.2770, 23.5274, 13.7891.



This preview shows how white text looks on a background with the YUV color 164.2770, 23.5274,

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

164.2770, 23.5274, 13.7891

Protanopia

160.3980, 29.8768, -16.1350

Deuteranopia

161.2370, 24.0402, -10.7318



Tritanopia

162.4510, 2.7357, 9.2515

Trichromacy



Original Color

164.2770, 23.5274, 13.7891

Protanomaly

161.8940, 27.6603, -5.1690

Deuteranomaly

162.2920, 24.0130, -2.0101

Tritanomaly

163.4110, 10.1504, 11.0406

Monochromacy



Original Color

164.2770, 23.5274, 13.7891

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.2100, 8.2775, 5.0778

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.2770, 23.5274, 13.7891 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, 147, 212)` looks like.

```
.text, #text, p{  
    color:rgb(180, 147, 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(180, 147, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 147, 212) }
```

Border

The CSS property to change the border of an element to YUV 164.2770, 23.5274, 13.7891 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, 147, 212) }
```


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

```
.border{ border-color:rgb(180, 147, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 147, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 147, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 147, 212);  
box-shadow:4px 4px 4px 4px rgb(180, 147,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 164.2770, 23.5274, 13.7891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 147, 212) }
```

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

```
.background{ background-color: rgb(180,  
147, 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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