

Converting Colors

YUV(181.2550, 23.5383,
10.3004)

Have a look what the booklet for
YUV(181.2550, 23.5383, 10.3004)
contains.

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Color

**YUV(181.2550, 23.5383,
10.3004)**

Conversions

Conversions Part 1

Format	Color
Hex	C1A6E5
RGB	193, 166, 229
RGB Percent	76%, 65%, 90%
CMY	0.2431, 0.3490, 0.1020
CMYK	0.16, 0.28, 0.00, 0.10
HSL	266°, 55%, 77%
HSV	266°, 28%, 90%
XYZ	49.7714, 44.2670, 80.0499
YIQ	181.2550, -4.1310, 25.3170

Conversions

Conversions Part 2

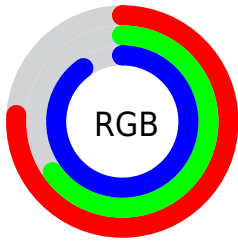
Format	Color
R_{YB}	193, 166, 229
Decimal	12691173
CIE _{Lab}	72.41, 21.95, -28.08
CIE _{LCh}	72, 35.642, 308.009
Yxy	44.2670, 0.2859, 0.2543
Android (android.graphics.Color)	4290881253 (0xFFC1A6E5)
YUV	181.2550, 23.5383, 10.3004
Hunter-Lab	66.5335, 17.0961, -24.7615

Details

The YUV color **181.2550, 23.5383, 10.3004** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **213.7450, -23.5383, -10.3004**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.5470, 10.5763, 14.4293**, and **128.2010, 22.0859, 9.4707** is the 20% darker color. If you saturate the color by 10%, you get **163.8670, 32.1106, 14.1486**, and if you desaturate by 10%, it is **198.6430, 14.9660, 6.4521**.

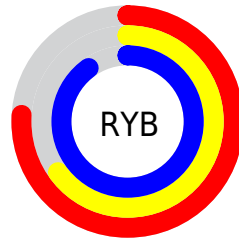
Distribution



Red (76%)

Green (65%)

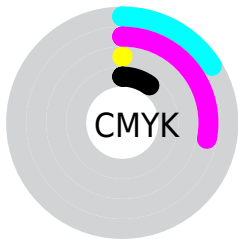
Blue (90%)



Red (76%)

Yellow (65%)

Blue (90%)

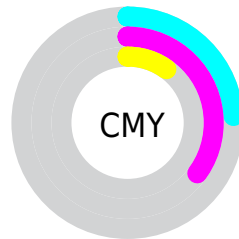


Cyan (16%)

Magenta (28%)

Yellow (0%)

Black (10%)



Cyan (24%)

Magenta (35%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.2550, 23.5383, 10.3004 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 181.2550, 23.5383, 10.3004 by changing the saturation by 10% instead.

181.2550, 23.5383,
10.3004

181.2550, 23.5383,
10.3004

255.0000, 0.0000,
0.0000

154.4290, 22.9595,
9.2708

233.5470, 10.5763,
14.4293

128.2010, 22.0859,
9.4707

252.0650, 1.4470,
2.5740

102.7880, 21.7965,
8.9559

78.5490, 20.9283,
7.4115

55.0220, 20.2022,
6.9967

32.7830, 19.3340,
5.4523

11.5660, 18.4550,

7.3966

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 181.2550, 23.5383,
10.3004

■ 181.2550, 23.5383,
10.3004

■ 163.8670, 32.1106,
14.1486

■ 198.6430, 14.9660,
6.4521

■ 146.4790, 40.6829,
17.9969

■ 216.0310, 6.3937,
2.6038

■ 129.0910, 49.2551,
21.8452

■ 233.4190, -2.1786,
-1.2445

■ 111.7030, 57.8274,
25.6935

■ 249.0460, -9.8827,
-3.5483

■ 94.9020, 66.1103,
29.0269

■ 252.0360,
-11.3567, 2.5994

■ 77.2150, 74.8300,
32.2604

■ 59.8270, 83.4023,
36.1087

■ 55.4080, 85.5809,
37.3532

Harmonies

Analogous

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



175.7280, 32.6721, -26.0715



181.2550, 23.5383, 10.3004



182.2880, 10.2110, 38.3354

Triad

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



181.2550, 23.5383, 10.3004



177.2610, -29.2157, 37.4821



158.6920, 13.4628, -71.6439

Complementary

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



181.2550, 23.5383, 10.3004



213.7450, -23.5383, -10.3004

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.



165.3030, -6.5584, -43.2387



181.2550, 23.5383, 10.3004



174.3630, -30.7450, 14.5906

Square

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



181.2550, 23.5383, 10.3004



179.1670, -19.8023, 51.5965



171.2500, -22.8012, -13.3742



155.6700, 30.2357, -84.7796

Rectangle

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



181.2550, 23.5383, 10.3004



181.6070, -0.2993, 49.4567



171.2500, -22.8012, -13.3742



160.9120, 6.4524, -63.0668

Sweetspot

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



181.2550, 23.5383, 10.3004



239.6720, 7.5567, 2.9187



194.9010, 16.8108, -25.3462



117.9770, 4.9413, 1.7742



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.



181.2550, 23.5383, 10.3004



191.3400, 31.3844, 13.7338



190.5240, 18.9687, 29.3585



105.8630, 4.5045, 1.8741



43.4290, 66.8365, 29.4418



12.3920, 19.0337, 8.4262

Inverse Universe

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



188.9410, 6.4381, 35.1317



201.5880, 8.5841, 46.8423



204.4760, -18.9687, -29.3585



107.3860, 1.2887, 6.6775



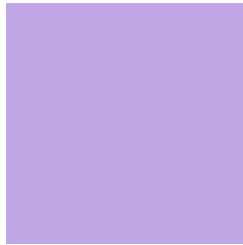
65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 181.2550, 23.5383, 10.3004 looks on a white background.

Color Contrast Check

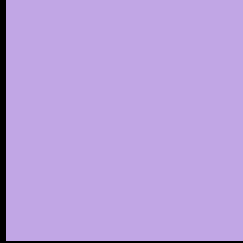
Large Text (above 18pt) WCAG AA × Fail

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 181.2550, 23.5383, 10.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

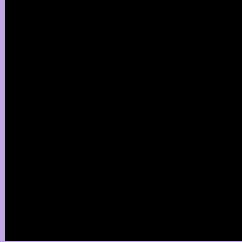
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 181.2550, 23.5383, 10.3004

Background



This preview shows how black text looks on a background with the YUV color 181.2550, 23.5383, 10.3004.



This preview shows how white text looks on a background with the YUV color 181.2550, 23.5383,

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

181.2550, 23.5383, 10.3004

Protanopia

178.3550, 28.4190, -15.2203

Deuteranopia

178.5470, 23.8873, -8.3727



Tritanopia

179.1840, 4.3463, 5.9776

Trichromacy



Original Color

181.2550, 23.5383, 10.3004

Protanomaly

179.2530, 26.4973, -5.4839

Deuteranomaly

179.5910, 23.8656, -1.3953

Tritanomaly

180.0300, 11.3242, 7.8667

Monochromacy



Original Color

181.2550, 23.5383, 10.3004

Achromatopsia

181.0000, 0.0000, 0.0000

Achromatomaly

181.1990, 8.2829, 3.3335

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.2550, 23.5383, 10.3004 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(193, 166, 229)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 229)  
}
```

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(193, 166, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 229) }
```

Border

The CSS property to change the border of an element to YUV 181.2550, 23.5383, 10.3004 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(193, 166, 229) }
```


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

```
.border{ border-color:rgb(193, 166, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 166, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 166, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 166, 229);  
box-shadow:4px 4px 4px 4px rgb(193, 166,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 181.2550, 23.5383, 10.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 229) }
```

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

```
.background{ background-color: rgb(193,  
166, 229) }
```

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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