

Converting Colors

YUV(172.6200, 23.3583,
21.3813)

Have a look what the booklet for
YUV(172.6200, 23.3583, 21.3813)
contains.

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Color

**YUV(172.6200, 23.3583,
21.3813)**

Conversions

Conversions Part 1

Format	Color
Hex	C597DC
RGB	197, 151, 220
RGB Percent	77%, 59%, 86%
CMY	0.2275, 0.4078, 0.1373
CMYK	0.10, 0.31, 0.00, 0.14
HSL	280°, 50%, 73%
HSV	280°, 31%, 86%
XYZ	47.0108, 39.1708, 72.7931
YIQ	172.6200, 5.2670, 31.2110

Conversions

Conversions Part 2

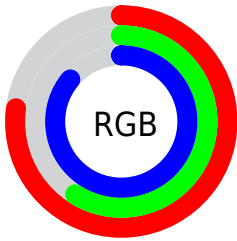
Format	Color
R_{YB}	197, 151, 220
Decimal	12949468
CIE _{Lab}	68.87, 29.58, -28.54
CIE _{LCh}	69, 41.105, 316.019
Yxy	39.1708, 0.2957, 0.2464
Android (android.graphics.Color)	4291139548 (0xFFC597DC)
YUV	172.6200, 23.3583, 21.3813
Hunter-Lab	62.5866, 24.5506, -25.1483

Details

The YUV color **172.6200, 23.3583, 21.3813** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **198.3800, -23.3583, -21.3813**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9380, 14.3276, 24.6104**, and **119.3810, 22.4902, 19.8369** is the 20% darker color. If you saturate the color by 10%, you get **157.6130, 30.7568, 28.4034**, and if you desaturate by 10%, it is **187.6270, 15.9599, 14.3591**.

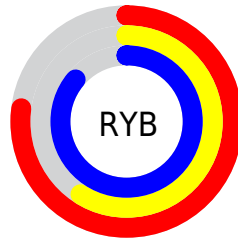
Distribution



Red (77%)

Green (59%)

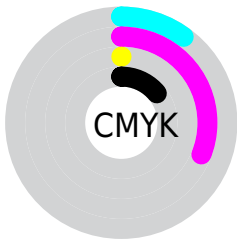
Blue (86%)



Red (77%)

Yellow (59%)

Blue (86%)

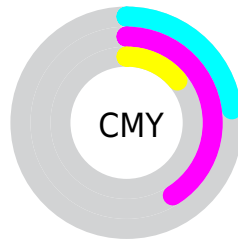


Cyan (10%)

Magenta (31%)

Yellow (0%)

Black (14%)



Cyan (23%)


Magenta (41%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6200, 23.3583, 21.3813 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 172.6200, 23.3583, 21.3813 by changing the saturation by 10% instead.


 172.6200, 23.3583,
21.3813

 172.6200, 23.3583,
21.3813


255.0000, 0.0000,
0.0000


 145.7940, 22.7796,
20.3517


 225.9380, 14.3276,
24.6104


 119.3810, 22.4902,
19.8369

 242.6730, 6.0772,
10.8108

 94.4410, 21.4746,
18.9072

 70.0280, 21.1852,
18.3924

 46.7890, 20.3170,
16.8480

 23.3760, 20.0276,
16.3332

 11.6650, 14.9552,

9.9408

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 172.6200, 23.3583,
21.3813

■ 172.6200, 23.3583,
21.3813

■ 157.6130, 30.7568,
28.4034

■ 187.6270, 15.9599,
14.3591

■ 142.3070, 38.3026,
34.8108

■ 202.9330, 8.4140,
7.9518

■ 127.3000, 45.7011,
41.8329

■ 217.9400, 1.0156,
0.9296

■ 112.2930, 53.0996,
48.8550

■ 232.9470, -6.3829,
-6.0925

96.9870, 60.6454,
55.2624

244.7310,
-12.1924, -9.4111

81.9800, 68.0439,
62.2845

246.8240,
-13.2242, -5.1076

69.0330, 74.4267,
68.3771

248.9170,
-14.2561, -0.8042

251.0100,
-15.2879, 3.4992

Harmonies

Analogous

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



167.4560, 35.2712, -19.6939



172.6200, 23.3583, 21.3813



171.9690, 7.4103, 50.0162

Triad

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



172.6200, 23.3583, 21.3813



166.7570, -34.8832, 35.2931



131.6740, 27.2757, -115.4781

Complementary

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



172.6200, 23.3583, 21.3813



198.3800, -23.3583, -21.3813

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.



149.7890, -0.3890, -62.0820



172.6200, 23.3583, 21.3813



163.2220, -33.6334, 7.6983

Square

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



172.6200, 23.3583, 21.3813



168.5820, -25.9229, 54.7406



158.2270, -21.3109, -24.7551



133.7890, 42.9950, -117.3330

Rectangle

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



172.6200, 23.3583, 21.3813



170.9350, -4.4050, 59.6930



158.2270, -21.3109, -24.7551



138.6780, 17.9067, -97.0646

Sweetspot

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



172.6200, 23.3583, 21.3813



239.1070, 7.8352, 6.9222



172.3670, 23.4831, -18.7389



117.7000, 5.0779, 4.6481



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.



172.6200, 23.3583, 21.3813



188.4930, 32.7880, 30.2626



178.2430, 15.1632, 36.6209



102.3470, 3.7729, 3.2037



54.4060, 58.4668, 54.0179



14.5130, 15.5231, 14.4591

Inverse Universe

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



174.2530, -0.1247, 40.1201



190.6510, -0.3209, 56.4341



192.8710, -14.7264, -36.7209



102.6310, -0.3111, 6.4626



58.3390, -0.1671, 100.5577



15.4640, -0.2288, 26.7801

Previews

White Background



This preview shows how the YUV color 172.6200, 23.3583, 21.3813 looks on a white background.

Color Contrast Check

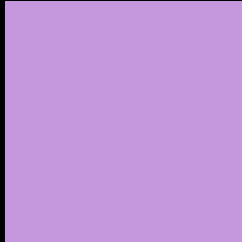
Large Text (above 18pt) WCAG AA × Fail

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 172.6200, 23.3583, 21.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

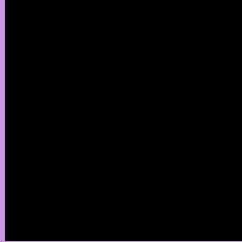
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.6200, 23.3583, 21.3813

Background



This preview shows how black text looks on a background with the YUV color 172.6200, 23.3583, 21.3813.



This preview shows how white text looks on a background with the YUV color 172.6200, 23.3583,

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

172.6200, 23.3583, 21.3813

Protanopia

168.3270, 30.8978, -16.9498

Deuteranopia

169.1340, 23.5979, -8.8875



Tritanopia

170.4520, 1.2562, 17.1436

Trichromacy



Original Color

172.6200, 23.3583, 21.3813



Protanomaly

170.0190, 28.0916, -3.5247



Deuteranomaly

170.4990, 23.4180, 2.1934



Tritanomaly

171.5260, 9.1077, 18.8327

Monochromacy



Original Color

172.6200, 23.3583, 21.3813



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.9330, 8.4140, 7.9518

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6200, 23.3583, 21.3813 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(197, 151, 220)` looks like.

```
.text, #text, p{  
    color:rgb(197, 151, 220)  
}
```

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(197, 151, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 151, 220) }
```

Border

The CSS property to change the border of an element to YUV 172.6200, 23.3583, 21.3813 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(197, 151, 220) }
```


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

```
.border{ border-color:rgb(197, 151, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 151, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 151, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 151, 220);  
box-shadow:4px 4px 4px 4px rgb(197, 151,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 172.6200, 23.3583, 21.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 151, 220) }
```

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

```
.background{ background-color: rgb(197,  
151, 220) }
```

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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