

Converting Colors

YUV(172.7500, 6.0393, 23.0212)

Have a look what the booklet for
YUV(172.7500, 6.0393, 23.0212)
contains.

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Color

**YUV(172.7500, 6.0393,
23.0212)**

Conversions

Conversions Part 1

Format	Color
Hex	C79DB9
RGB	199, 157, 185
RGB Percent	78%, 62%, 73%
CMY	0.2196, 0.3843, 0.2745
CMYK	0.00, 0.21, 0.07, 0.22
HSL	320°, 27%, 70%
HSV	320°, 21%, 78%
XYZ	44.3671, 39.7588, 51.2348
YIQ	172.7500, 16.0440, 17.6120

Conversions

Conversions Part 2

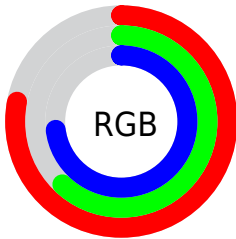
Format	Color
R _{YB}	199, 157, 185
Decimal	13082041
CIE Lab	69.30, 20.20, -8.50
CIE LCh	69, 21.915, 337.191
Yxy	39.7588, 0.3278, 0.2937
Android (android.graphics.Color)	4291272121 (0xFFC79DB9)
YUV	172.7500, 6.0393, 23.0212
Hunter-Lab	63.0546, 15.2524, -4.0376

Details

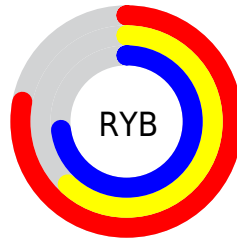
The YUV color **172.7500, 6.0393, 23.0212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **183.2500, -6.0392, -23.0212**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1630, 6.3286, 23.5360**, and **120.0380, 5.8973, 21.8917** is the 20% darker color. If you saturate the color by 10%, you get **160.2120, 8.7695, 34.0171**, and if you desaturate by 10%, it is **185.2880, 3.3090, 12.0254**.

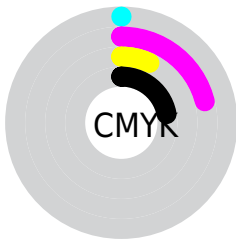
Distribution



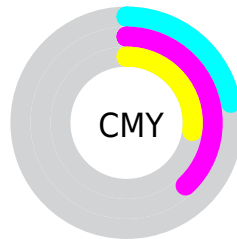
- Red (78%)
- Green (62%)
- Blue (73%)



- Red (78%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.7500, 6.0393, 23.0212 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 172.7500, 6.0393, 23.0212 by changing the saturation by 10% instead.


 172.7500, 6.0393,
23.0212


 172.7500, 6.0393,
23.0212


255.0000, 0.0000,
0.0000


 146.0380, 5.8973,
21.8917


 228.1630, 6.3286,
23.5360

 120.0380, 5.8973,
21.8917

 246.1950, 4.3409,
7.7220

 95.3260, 5.7553,
20.7621

 71.6140, 5.6133,
19.6325

 47.9020, 5.4713,
18.5029

 26.3040, 5.7661,
17.2734

 10.0110, 3.4456,

14.8994

■ 0.0000, 0.0000,
0.0000

■ 172.7500, 6.0393,
23.0212

■ 172.7500, 6.0393,
23.0212

■ 160.2120, 8.7695,
34.0171

■ 185.2880, 3.3090,
12.0254

■ 147.7880, 11.9365,
44.9129

■ 197.7120, 0.1420,
1.1296

■ 135.2500, 14.6668,
55.9087

■ 210.2500, -2.5882,
-9.8663

■ 122.7120, 17.3970,
66.9046

■ 222.7880, -5.3185,
-20.8621

■ 110.8750, 20.2746,
77.2856

■ 234.0380, -7.9067,
-30.7283

■ 98.3370, 23.0049,
88.2815

■ 234.8360, -4.8491,
-31.4282

■ 85.9130, 26.1719,
99.1773

■ 235.5200, -2.2284,
-32.0280

■ 74.6630, 28.7601,
109.0435

■ 236.3180, 0.8292,
-32.7279

■ 237.1160, 3.8868,
-33.4277

Harmonies

Analogous

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



172.1160, 14.2398, 6.0373



172.7500, 6.0393, 23.0212



172.2860, -3.5920, 32.1982

Triad

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



172.7500, 6.0393, 23.0212



167.5440, -18.5092, 10.0469



161.0470, 15.2598, -41.2602

Complementary

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



172.7500, 6.0393, 23.0212



183.2500, -6.0392, -23.0212

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.



161.2510, 5.7923, -37.9311



172.7500, 6.0393, 23.0212



165.2860, -13.9450, -7.2668

Square

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



172.7500, 6.0393, 23.0212



170.0450, -18.2632, 24.5165



162.8800, -4.8708, -24.4508



164.0680, 20.1795, -32.5086

Rectangle

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



172.7500, 6.0393, 23.0212



171.6900, -9.7072, 33.5979



162.8800, -4.8708, -24.4508



160.7650, 12.9339, -41.8899

Sweetspot

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



172.7500, 6.0393, 23.0212



245.6250, 2.1569, 8.2219



165.9740, 16.2818, 4.4078



122.3750, 1.2941, 4.9331



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.



172.7500, 6.0393, 23.0212



215.0380, 9.3483, 35.0467



170.3560, -3.1335, 25.1208



93.3750, 1.2941, 4.9331



61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Inverse Universe

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



172.7500, 6.0393, 23.0212



215.0380, 9.3483, 35.0467



185.6440, 3.1335, -25.1208



93.3750, 1.2941, 4.9331



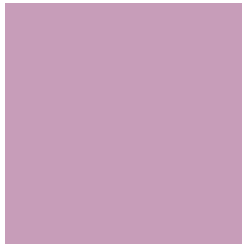
61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 172.7500, 6.0393, 23.0212 looks on a white background.

Color Contrast Check

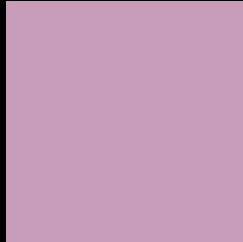
Large Text (above 18pt) WCAG AA × Fail

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 172.7500, 6.0393, 23.0212 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 172.7500, 6.0393, 23.0212

Background



This preview shows how black text looks on a background with the YUV color 172.7500, 6.0393, 23.0212.



This preview shows how white text looks on a background with the YUV color 172.7500, 6.0393,

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

172.7500, 6.0393, 23.0212

Protanopia

170.1380, 10.7780, -3.6290

Deuteranopia

171.3520, 6.2355, 6.7073



Tritanopia

171.8440, 0.0769, 22.0618

Trichromacy



Original Color

172.7500, 6.0393, 23.0212

Protanomaly

171.0360, 8.8563, 6.1074

Deuteranomaly

171.6840, 6.0718, 12.5551

Tritanomaly

172.1260, 2.4029, 22.6915

Monochromacy



Original Color

172.7500, 6.0393, 23.0212

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6250, 2.1569, 8.2219

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.7500, 6.0393, 23.0212 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(199, 157, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 157, 185)  
}
```

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(199, 157, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 157, 185) }
```

Border

The CSS property to change the border of an element to YUV 172.7500, 6.0393, 23.0212 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(199, 157, 185) }
```


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

```
.border{ border-color:rgb(199, 157, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 157, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 157, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 157, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 157,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 172.7500, 6.0393, 23.0212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 157, 185) }
```

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

```
.background{ background-color: rgb(199,  
157, 185) }
```

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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