

Converting Colors

YUV(173.7180, 4.5760, 25.6803)

Have a look what the booklet for
YUV(173.7180, 4.5760, 25.6803)
contains.

YUV(173.7180, 4.5760, 25.6803)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(173.7180, 4.5760,
25.6803)**

Conversions

Conversions Part 1

Format	Color
Hex	CB9DB7
RGB	203, 157, 183
RGB Percent	80%, 62%, 72%
CMY	0.2039, 0.3843, 0.2824
CMYK	0.00, 0.23, 0.10, 0.20
HSL	326°, 31%, 71%
HSV	326°, 23%, 80%
XYZ	45.2328, 40.2293, 50.1808
YIQ	173.7180, 19.0700, 17.8380

Conversions

Conversions Part 2

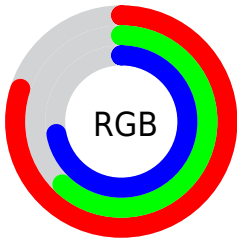
Format	Color
R_{YB}	203, 157, 183
Decimal	13344183
CIE Lab	69.63, 21.26, -6.84
CIE LCh	70, 22.337, 342.159
Yxy	40.2293, 0.3335, 0.2966
Android (android.graphics.Color)	4291534263 (0xFFCB9DB7)
YUV	173.7180, 4.5760, 25.6803
Hunter-Lab	63.4266, 16.3011, -2.5094

Details

The YUV color **173.7180, 4.5760, 25.6803** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.2820, -4.5760, -25.6803**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.9350, 5.4550, 23.7360**, and **120.7070, 4.5814, 23.9360** is the 20% darker color. If you saturate the color by 10%, you get **160.9520, 6.4327, 36.8761**, and if you desaturate by 10%, it is **186.4840, 2.7194, 14.4845**.

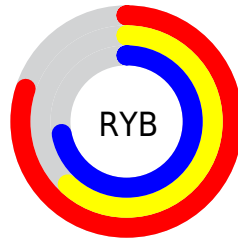
Distribution



Red (80%)

Green (62%)

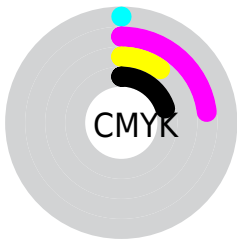
Blue (72%)



Red (80%)

Yellow (62%)

Blue (72%)

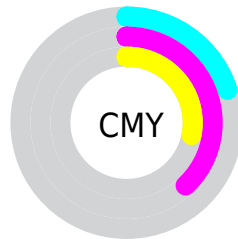


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (38%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 173.7180, 4.5760, 25.6803 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 173.7180, 4.5760, 25.6803 by changing the saturation by 10% instead.


 173.7180, 4.5760,
25.6803


 173.7180, 4.5760,
25.6803

255.0000, 0.0000,
0.0000


 147.0060, 4.4340,
24.5507

 227.9350, 5.4550,
23.7360

 120.7070, 4.5814,
23.9360

 246.1950, 4.3409,
7.7220

 95.9950, 4.4395,
22.8064

 71.6960, 4.5869,
22.1916

 48.6850, 4.5923,
20.4473

 26.3860, 4.7397,
19.8325

 10.9790, 1.9824,

17.5584

■ 0.0000, 0.0000,
0.0000

■ 173.7180, 4.5760,
25.6803

■ 173.7180, 4.5760,
25.6803

■ 160.9520, 6.4327,
36.8761

■ 186.4840, 2.7194,
14.4845

■ 147.5990, 8.5787,
48.5867

■ 199.8370, 0.5734,
2.7740

■ 134.9470, 10.8721,
59.6825

■ 212.4890, -1.7201,
-8.3219

■ 122.1810, 12.7288,
70.8783

■ 225.2550, -3.5767,
-19.5176

■ 109.4150, 14.5854,
82.0740

■ 236.2600, -4.5652,
-29.1690

■ 96.0620, 16.7314,
93.7846

■ 237.2860, -0.6340,
-30.0688

■ 83.2960, 18.5881,
104.9804

■ 238.3120, 3.2972,
-30.9686

■ 73.8070, 20.3081,
113.3023

■ 239.3380, 7.2284,
-31.8684

■ 239.4520, 7.6652,
-31.9684

Harmonies

Analogous

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



172.9100, 13.3554, 9.7259



173.7180, 4.5760, 25.6803



173.4280, -5.6340, 33.8276

Triad

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



173.7180, 4.5760, 25.6803



168.1200, -18.7932, 7.7878



162.2040, 17.1544, -42.2749

Complementary

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



173.7180, 4.5760, 25.6803



186.2820, -4.5760, -25.6803

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.



161.8100, 7.9817, -40.1754



173.7180, 4.5760, 25.6803



165.9050, -12.7712, -10.4407

Square

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



173.7180, 4.5760, 25.6803



170.5070, -18.9840, 22.3574



163.6130, -3.2602, -27.7246



166.1930, 20.6109, -30.8643

Rectangle

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



173.7180, 4.5760, 25.6803



172.2340, -11.4544, 33.9978



163.6130, -3.2602, -27.7246



161.8080, 14.3917, -42.8046

Sweetspot

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



173.7180, 4.5760, 25.6803



243.5220, 1.7147, 10.0662



168.2240, 17.1446, 7.6966



120.9730, 0.9993, 6.1627



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.



173.7180, 4.5760, 25.6803



211.0770, 6.8640, 38.5205



171.0960, -5.4703, 27.9798



95.6740, 1.1467, 5.5479



60.3500, 16.5894, 92.6551



13.8700, 4.0081, 21.1620

Inverse Universe

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



173.7180, 4.5760, 25.6803



211.0770, 6.8640, 38.5205



188.9040, 5.4703, -27.9798



95.6740, 1.1467, 5.5479



60.3500, 16.5894, 92.6551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 173.7180, 4.5760, 25.6803 looks on a white background.

Color Contrast Check

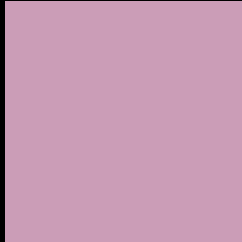
Large Text (above 18pt) WCAG AA × Fail

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 173.7180, 4.5760, 25.6803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

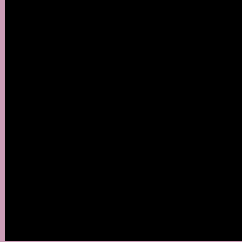
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.7180, 4.5760, 25.6803

Background



This preview shows how black text looks on a background with the YUV color 173.7180, 4.5760, 25.6803.



This preview shows how white text looks on a background with the YUV color 173.7180, 4.5760,

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

173.7180, 4.5760, 25.6803

Protanopia

170.9100, 9.9044, -3.4291

Deuteranopia

171.9070, 4.4828, 8.8516



Tritanopia

172.9260, -0.9495, 24.6209

Trichromacy



Original Color

173.7180, 4.5760, 25.6803

Protanomaly

172.1070, 7.8352, 6.9222

Deuteranomaly

172.6520, 4.6086, 15.2142

Tritanomaly

173.0940, 0.9397, 25.3506

Monochromacy



Original Color

173.7180, 4.5760, 25.6803

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1090, 1.4253, 9.5514

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7180, 4.5760, 25.6803 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(203, 157, 183)` looks like.

```
.text, #text, p{  
    color:rgb(203, 157, 183)  
}
```

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(203, 157, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 157, 183) }
```

Border

The CSS property to change the border of an element to YUV 173.7180, 4.5760, 25.6803 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(203, 157, 183) }
```


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

```
.border{ border-color:rgb(203, 157, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 157, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 157, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 157, 183);  
box-shadow:4px 4px 4px 4px rgb(203, 157,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 173.7180, 4.5760, 25.6803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 157, 183) }
```

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

```
.background{ background-color: rgb(203,  
157, 183) }
```

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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