

Converting Colors

YUV(195.7700, 12.4384,
23.8807)

Have a look what the booklet for
YUV(195.7700, 12.4384, 23.8807)
contains.

YUV(195.7700, 12.4384, 23.8807)	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(195.7700, 12.4384,
23.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB1DD
RGB	223, 177, 221
RGB Percent	87%, 69%, 87%
CMY	0.1255, 0.3059, 0.1333
CMYK	0.00, 0.21, 0.01, 0.13
HSL	303°, 42%, 78%
HSV	303°, 21%, 87%
XYZ	59.2047, 52.3527, 75.3913
YIQ	195.7700, 13.2920, 23.4360

Conversions

Conversions Part 2

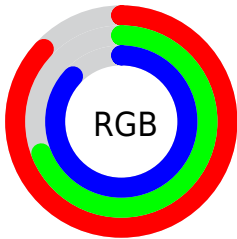
Format	Color
R_{YB}	223, 177, 221
Decimal	14660061
CIE _{Lab}	77.49, 24.03, -15.74
CIE _{LCh}	77, 28.733, 326.772
Yxy	52.3527, 0.3167, 0.2800
Android (android.graphics.Color)	4292850141 (0xFFDFB1DD)
YUV	195.7700, 12.4384, 23.8807
Hunter-Lab	72.3552, 19.4363, -11.1292

Details

The YUV color **195.7700, 12.4384, 23.8807** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.2300, -12.4384, -23.8807**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **141.6450, 12.0070, 22.2363** is the 20% darker color. If you saturate the color by 10%, you get **182.7420, 18.3682, 35.3063**, and if you desaturate by 10%, it is **208.7980, 6.5086, 12.4552**.

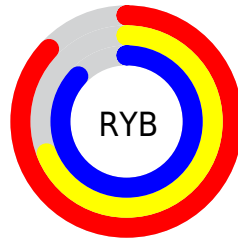
Distribution



Red (87%)

Green (69%)

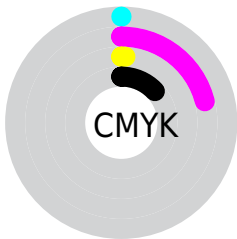
Blue (87%)



Red (87%)

Yellow (69%)

Blue (87%)

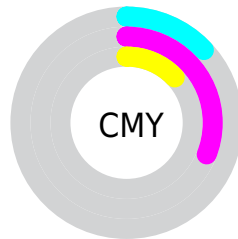


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.7700, 12.4384, 23.8807 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 195.7700, 12.4384, 23.8807 by changing the saturation by 10% instead.


 195.7700, 12.4384,
23.8807


 195.7700, 12.4384,
23.8807


255.0000, 0.0000,
0.0000


 168.3570, 12.1490,
23.3659


 242.0860, 6.3666,
11.3256

 141.6450, 12.0070,
22.2363

 116.1180, 11.2808,
21.8215

 91.4060, 11.1388,
20.6919

 66.9930, 10.8495,
20.1771

 44.2810, 10.7075,
19.0476

 21.6830, 11.0023,

17.8180

■ 8.3030, 7.2456,
9.3813

■ 0.0000, 0.0000,
0.0000

■ 195.7700, 12.4384,
23.8807

■ 195.7700, 12.4384,
23.8807

■ 182.7420, 18.3682,
35.3063

■ 208.7980, 6.5086,
12.4552

■ 169.1270, 24.5874,
47.2466

■ 222.4130, 0.2894,
0.5148

■ 156.0990, 30.5172,
58.6722

■ 235.4410, -5.6404,
-10.9108

■ 143.0710, 36.4470,
70.0977

■ 242.0120, -8.3869,
-16.6735

130.0430, 42.3768,
81.5233

242.1260, -7.9501,
-16.7735

116.4280, 48.5960,
93.4636

242.2400, -7.5133,
-16.8735

103.4000, 54.5258,
104.8892

242.3540, -7.0765,
-16.9735

90.9590, 60.1662,
115.8000

242.4680, -6.6397,
-17.0734

242.5820, -6.2029,
-17.1734

Harmonies

Analogous

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



193.8360, 22.2659, -1.6102



195.7700, 12.4384, 23.8807



195.5520, -0.2721, 40.7349

Triad

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



195.7700, 12.4384, 23.8807



190.6610, -25.9619, 20.4683



178.8060, 17.3506, -58.5889

Complementary

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



195.7700, 12.4384, 23.8807



204.2300, -12.4384, -23.8807

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.



180.3270, 3.7828, -46.7678



195.7700, 12.4384, 23.8807



187.5550, -21.9656, -1.3637

Square

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



195.7700, 12.4384, 23.8807



192.7970, -22.0849, 37.0120



183.9740, -10.8332, -25.4102



181.8420, 26.2069, -52.4814

Rectangle

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



195.7700, 12.4384, 23.8807



194.6960, -8.7241, 44.9936



183.9740, -10.8332, -25.4102



178.4920, 13.5614, -56.5595

Sweetspot

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



195.7700, 12.4384, 23.8807



246.0810, 3.9041, 7.8220



182.8420, 19.7979, -3.3694



122.6030, 2.1677, 4.7332



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.



195.7700, 12.4384, 23.8807



217.0900, 17.2106, 33.2471



193.1480, 2.3920, 26.1802



105.5430, 3.1833, 5.6628



71.7760, 47.4384, 91.4044



19.5960, 13.0172, 24.9103

Inverse Universe

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



195.7700, 12.4384, 23.8807



217.0900, 17.2106, 33.2471



206.8520, -2.3920, -26.1802



105.5430, 3.1833, 5.6628



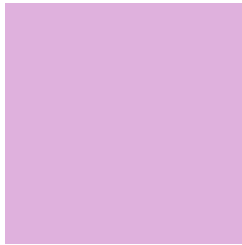
71.7760, 47.4384, 91.4044



19.5960, 13.0172, 24.9103

Previews

White Background



This preview shows how the YUV color 195.7700, 12.4384, 23.8807 looks on a white background.

Color Contrast Check

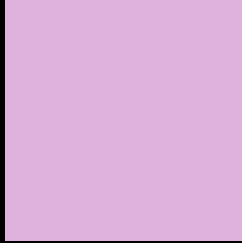
Large Text (above 18pt) WCAG AA × Fail

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 195.7700, 12.4384, 23.8807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

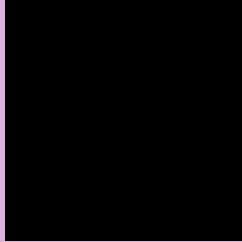
Any Text WCAG AA ✓ Pass

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 195.7700, 12.4384, 23.8807 Background



This preview shows how black text looks on a background with the YUV color 195.7700, 12.4384, 23.8807.



This preview shows how white text looks on a background with the YUV color 195.7700, 12.4384, 23.8807.

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

195.7700, 12.4384, 23.8807

Protanopia

192.4670, 18.5038, -8.3026

Deuteranopia

193.6380, 12.5035, 2.9485



Tritanopia

194.6590, 0.6611, 21.3471

Trichromacy



Original Color

195.7700, 12.4384, 23.8807

Protanomaly

193.6750, 16.4292, 3.7930

Deuteranomaly

194.0950, 12.7712, 10.4407

Tritanomaly

194.8100, 5.0237, 22.0916

Monochromacy



Original Color

195.7700, 12.4384, 23.8807

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.7700, 12.4384, 23.8807 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(223, 177, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 177, 221)  
}
```

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(223, 177, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 177, 221) }
```

Border

The CSS property to change the border of an element to YUV 195.7700, 12.4384, 23.8807 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(223, 177, 221) }
```


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

```
.border{ border-color:rgb(223, 177, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 177, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 177, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 177, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 177,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 195.7700, 12.4384, 23.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 177, 221) }
```

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

```
.background{ background-color: rgb(223,  
177, 221) }
```

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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