

Converting Colors

YUV(195.3350, 12.1598,
19.8772)

Have a look what the booklet for
YUV(195.3350, 12.1598, 19.8772)
contains.

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Color

**YUV(195.3350, 12.1598,
19.8772)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB3DC
RGB	218, 179, 220
RGB Percent	85%, 70%, 86%
CMY	0.1451, 0.2980, 0.1373
CMYK	0.01, 0.19, 0.00, 0.14
HSL	297°, 37%, 78%
HSV	297°, 19%, 86%
XYZ	57.9518, 52.3129, 74.7532
YIQ	195.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

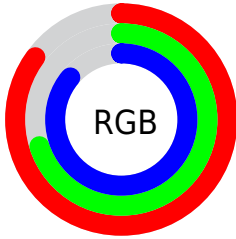
Format	Color
R_{YB}	218, 179, 220
Decimal	14332892
CIE _{Lab}	77.47, 21.10, -15.28
CIE _{LCh}	77, 26.057, 324.085
Yxy	52.3129, 0.3132, 0.2827
Android (android.graphics.Color)	4292522972 (0xFFDAB3DC)
YUV	195.3350, 12.1598, 19.8772
Hunter-Lab	72.3277, 16.4478, -10.6489

Details

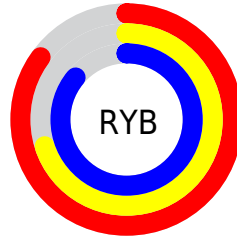
The YUV color **195.3350, 12.1598, 19.8772** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **203.6650, -12.1598, -19.8772**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2600, 5.7878, 10.2960**, and **141.5090, 11.5811, 18.8476** is the 20% darker color. If you saturate the color by 10%, you get **182.1220, 18.6739, 30.5880**, and if you desaturate by 10%, it is **208.5480, 5.6458, 9.1664**.

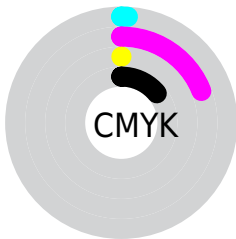
Distribution



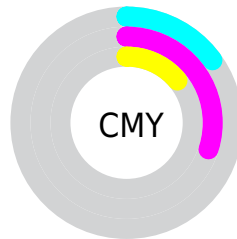
- Red (85%)
- Green (70%)
- Blue (86%)



- Red (85%)
- Yellow (70%)
- Blue (86%)



- Cyan (1%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)





- Cyan (15%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.3350, 12.1598, 19.8772 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 195.3350, 12.1598, 19.8772 by changing the saturation by 10% instead.


 195.3350, 12.1598,
19.8772


 195.3350, 12.1598,
19.8772


255.0000, 0.0000,
0.0000


 167.9220, 11.8705,
19.3624


 243.2600, 5.7878,
10.2960

 141.5090, 11.5811,
18.8476

 115.7970, 11.4391,
17.7180

 91.2700, 10.7129,
17.3032

 66.9710, 10.8603,
16.6884

 44.1450, 10.2815,
15.6588

 22.4330, 10.1395,

14.5293

■ 6.6940, 7.5459,
6.4074

■ 0.0000, 0.0000,
0.0000

■ 195.3350, 12.1598,
19.8772

■ 195.3350, 12.1598,
19.8772

■ 182.1220, 18.6739,
30.5880

■ 208.5480, 5.6458,
9.1664

■ 168.9090, 25.1879,
41.2988

■ 221.7610, -0.8682,
-1.5444

■ 155.6960, 31.7019,
52.0096

■ 234.9740, -7.3822,
-12.2552

■ 142.4830, 38.2159,
62.7204

■ 241.1430,
-10.4235, -16.7884

129.2700, 44.7299,
73.4312

241.4420,
-10.5709, -16.1736

116.0570, 51.2439,
84.1420

241.7410,
-10.7183, -15.5589

102.5450, 57.9053,
94.2380

242.3390,
-11.0131, -14.3293

89.3320, 64.4193,
104.9488

242.6380,
-11.1605, -13.7145

87.5710, 65.2875,
106.4932

242.9370,
-11.3079, -13.0997

Harmonies

Analogous

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



193.0700, 20.6715, -3.5694



195.3350, 12.1598, 19.8772



195.1600, 0.9071, 35.8167

Triad

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



195.3350, 12.1598, 19.8772



190.7580, -23.0517, 20.3832



180.7530, 14.4188, -51.5264

Complementary

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



195.3350, 12.1598, 19.8772



203.6650, -12.1598, -19.8772

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.



182.2030, 1.8719, -40.5200



195.3350, 12.1598, 19.8772



188.3210, -20.3713, 0.5955

Square

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



195.3350, 12.1598, 19.8772



192.7690, -19.6061, 35.2826



185.1810, -11.4282, -21.2067



182.7780, 23.2804, -47.1633

Rectangle

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



195.3350, 12.1598, 19.8772



194.8310, -6.8187, 40.4902



185.1810, -11.4282, -21.2067



180.7380, 10.4822, -48.8822

Sweetspot

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



195.3350, 12.1598, 19.8772



245.8960, 4.4883, 7.1072



184.8480, 17.3299, -5.1287



122.4180, 2.7519, 4.0184



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.



195.3350, 12.1598, 19.8772



221.2310, 16.6481, 26.9844



193.8810, 4.0027, 22.9064



103.2440, 3.3307, 5.0480



69.0570, 51.2439, 84.1420



18.4000, 13.6068, 22.4512

Inverse Universe

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



191.4870, -5.1701, 25.0059



216.0860, -6.9444, 34.1276



205.1190, -4.0027, -22.9064



102.2890, -1.6215, 6.7625



52.6390, -22.0070, 105.5566



13.9820, -5.9071, 28.0798

Previews

White Background



This preview shows how the YUV color 195.3350, 12.1598, 19.8772 looks on a white background.

Color Contrast Check

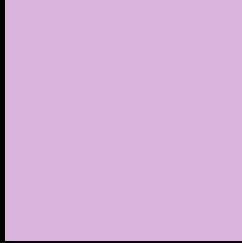
Large Text (above 18pt) WCAG AA × Fail

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 195.3350, 12.1598, 19.8772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

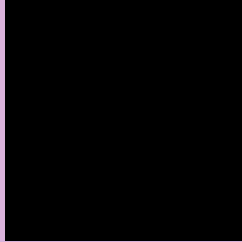
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.3350, 12.1598, 19.8772

Background



This preview shows how black text looks on a background with the YUV color 195.3350, 12.1598, 19.8772.



This preview shows how white text looks on a background with the YUV color 195.3350, 12.1598,

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

195.3350, 12.1598, 19.8772

Protanopia

192.4240, 17.0460, -7.3878

Deuteranopia

193.6380, 12.5035, 2.9485



Tritanopia

194.1640, 1.3981, 18.2732

Trichromacy



Original Color

195.3350, 12.1598, 19.8772

Protanomaly

193.3220, 15.1243, 2.3486

Deuteranomaly

194.2690, 12.1924, 9.4111

Tritanomaly

194.7880, 5.0345, 18.6029

Monochromacy



Original Color

195.3350, 12.1598, 19.8772

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3350, 12.1598, 19.8772 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(218, 179, 220)` looks like.

```
.text, #text, p{  
    color:rgb(218, 179, 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(218, 179, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 179, 220) }
```

Border

The CSS property to change the border of an element to YUV 195.3350, 12.1598, 19.8772 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(218, 179, 220) }
```


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

```
.border{ border-color:rgb(218, 179, 220) }
```

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

Here you see how a box with a 4 pixel rgb(218, 179, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 179, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 179, 220);  
box-shadow:4px 4px 4px 4px rgb(218, 179,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 195.3350, 12.1598, 19.8772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 179, 220) }
```

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

```
.background{ background-color: rgb(218,  
179, 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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