

Converting Colors

YUV(193.8780, 15.3431,
25.5400)

Have a look what the booklet for
YUV(193.8780, 15.3431, 25.5400)
contains.

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Color

**YUV(193.8780, 15.3431,
25.5400)**

Conversions

Conversions Part 1

Format	Color
Hex	DFADE1
RGB	223, 173, 225
RGB Percent	87%, 68%, 88%
CMY	0.1255, 0.3216, 0.1176
CMYK	0.01, 0.23, 0.00, 0.12
HSL	298°, 46%, 78%
HSV	298°, 23%, 88%
XYZ	58.9656, 51.0114, 77.9725
YIQ	193.8780, 13.1080, 26.7720

Conversions

Conversions Part 2

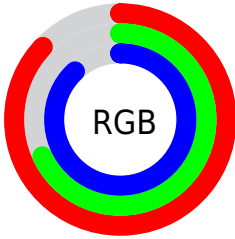
Format	Color
R _Y B	223, 173, 225
Decimal	14659041
CIE Lab	76.69, 26.93, -19.13
CIE LCh	77, 33.033, 324.613
Yxy	51.0114, 0.3137, 0.2714
Android (android.graphics.Color)	4292849121 (0xFFDFADE1)
YUV	193.8780, 15.3431, 25.5400
Hunter-Lab	71.4222, 22.3792, -14.7320

Details

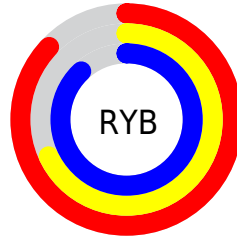
The YUV color **193.8780, 15.3431, 25.5400** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **204.1220, -15.3431, -25.5400**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7380, 7.5242, 13.3848**, and **139.7530, 14.9118, 23.8956** is the 20% darker color. If you saturate the color by 10%, you get **180.6650, 21.8572, 36.2508**, and if you desaturate by 10%, it is **207.6780, 8.5397, 14.3144**.

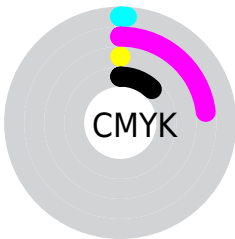
Distribution



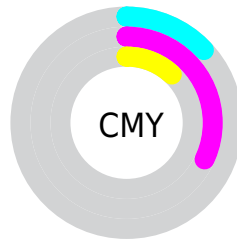
- Red (87%)
- Green (68%)
- Blue (88%)



- Red (87%)
- Yellow (68%)
- Blue (88%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (12%)





- Cyan (13%)
- Magenta (32%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.8780, 15.3431, 25.5400 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 193.8780, 15.3431, 25.5400 by changing the saturation by 10% instead.


 193.8780, 15.3431,
25.5400


 193.8780, 15.3431,
25.5400


255.0000, 0.0000,
0.0000


 166.4650, 15.0538,
25.0252


 239.7380, 7.5242,
13.3848

 139.7530, 14.9118,
23.8956

 113.9270, 14.3330,
22.8660

 89.1010, 13.7542,
21.8364

 64.8020, 13.9016,
21.2216

 41.9760, 13.3228,
20.1920

 18.9760, 13.3228,

20.1920

■ 7.7480, 8.9982,
7.2370

■ 0.0000, 0.0000,
0.0000

■ 193.8780, 15.3431,
25.5400

■ 193.8780, 15.3431,
25.5400

■ 180.6650, 21.8572,
36.2508

■ 207.6780, 8.5397,
14.3144

■ 166.8650, 28.6606,
47.4764

■ 220.8910, 2.0257,
3.6036

■ 153.6520, 35.1746,
58.1872

■ 234.6910, -4.7777,
-7.6220

■ 140.1510, 41.8306,
70.0276

■ 242.9090, -8.8291,
-14.8292

126.9380, 48.3446,
80.7384

243.2080, -8.9765,
-14.2144

113.1380, 55.1480,
91.9640

243.5070, -9.1240,
-13.5996

99.9250, 61.6620,
102.6748

243.8060, -9.2714,
-12.9849

90.2340, 66.4396,
110.2968

244.1050, -9.4188,
-12.3701

244.4040, -9.5662,
-11.7553

Harmonies

Analogous

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



190.9650, 26.6393, -4.3543



193.8780, 15.3431, 25.5400



193.6280, 1.1694, 45.0532

Triad

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



193.8780, 15.3431, 25.5400



187.7710, -29.4671, 24.7568



172.5270, 20.4462, -71.4992

Complementary

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



193.8780, 15.3431, 25.5400



204.1220, -15.3431, -25.5400

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.



175.7560, 3.0783, -54.1600



193.8780, 15.3431, 25.5400



184.6430, -25.4600, -0.5639

Square

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



193.8780, 15.3431, 25.5400



190.2600, -24.2852, 42.7450



180.5670, -13.5905, -27.6843



175.9050, 30.6128, -65.6917

Rectangle

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



193.8780, 15.3431, 25.5400



192.7290, -8.7404, 50.2267



180.5670, -13.5905, -27.6843



172.8820, 15.3412, -67.4255

Sweetspot

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



193.8780, 15.3431, 25.5400



244.1350, 5.3564, 8.6516



180.6890, 21.8453, -6.7433



121.2440, 3.3307, 5.0480



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.



193.8780, 15.3431, 25.5400



212.4260, 20.9890, 34.7064



191.8540, 5.0020, 29.0690



105.5430, 3.1833, 5.6628



70.5950, 51.9647, 86.3012



19.5250, 14.0382, 24.0956

Inverse Universe

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



188.7760, -6.7916, 31.7684



205.4570, -9.5923, 43.4492



206.1460, -5.0020, -29.0690



104.2890, -1.6215, 6.7625



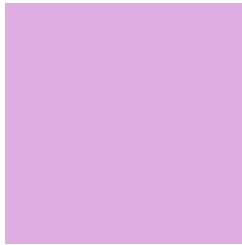
53.4220, -22.8860, 107.5009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 193.8780, 15.3431, 25.5400 looks on a white background.

Color Contrast Check

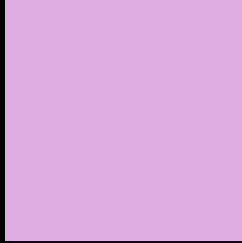
Large Text (above 18pt) WCAG AA × Fail

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 193.8780, 15.3431, 25.5400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

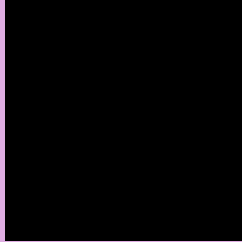
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.8780, 15.3431, 25.5400

Background



This preview shows how black text looks on a background with the YUV color 193.8780, 15.3431, 25.5400.



This preview shows how white text looks on a background with the YUV color 193.8780, 15.3431, 25.5400.

25.5400.

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

193.8780, 15.3431, 25.5400

Protanopia

190.3680, 22.0036, -10.8467

Deuteranopia

191.4250, 15.5665, 0.5043



Tritanopia

192.2570, 0.3663, 22.5766

Trichromacy



Original Color

193.8780, 15.3431, 25.5400

Protanomaly

191.7610, 19.3448, 1.9636

Deuteranomaly

192.4800, 15.5394, 9.2260

Tritanomaly

193.0490, 5.8918, 23.6360

Monochromacy



Original Color

193.8780, 15.3431, 25.5400

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8470, 5.4984, 9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8780, 15.3431, 25.5400 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, 173, 225)` looks like.

```
.text, #text, p{  
    color:rgb(223, 173, 225)  
}
```

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, 173, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 173, 225) }
```

Border

The CSS property to change the border of an element to YUV 193.8780, 15.3431, 25.5400 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, 173, 225) }
```


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

```
.border{ border-color:rgb(223, 173, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 173, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 173, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 173, 225);  
box-shadow:4px 4px 4px 4px rgb(223, 173,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 193.8780, 15.3431, 25.5400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 173, 225) }
```

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

```
.background{ background-color: rgb(223,  
173, 225) }
```

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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