

Converting Colors

YUV(195.9650, 13.3283,
18.4477)

Have a look what the booklet for
YUV(195.9650, 13.3283, 18.4477)
contains.

YUV(195.9650, 13.3283, 18.4477)	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(195.9650, 13.3283,
18.4477)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B4DF
RGB	217, 180, 223
RGB Percent	85%, 71%, 87%
CMY	0.1490, 0.2941, 0.1255
CMYK	0.03, 0.19, 0.00, 0.13
HSL	292°, 40%, 79%
HSV	292°, 19%, 87%
XYZ	58.2558, 52.7219, 76.9180
YIQ	195.9650, 8.2490, 21.2170

Conversions

Conversions Part 2

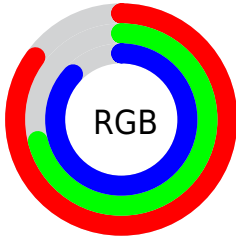
Format	Color
R _Y B	217, 180, 223
Decimal	14267615
CIE Lab	77.71, 20.80, -16.55
CIE LCh	78, 26.580, 321.482
Yxy	52.7219, 0.3100, 0.2806
Android (android.graphics.Color)	4292457695 (0xFFD9B4DF)
YUV	195.9650, 13.3283, 18.4477
Hunter-Lab	72.6099, 16.1455, -11.9809

Details

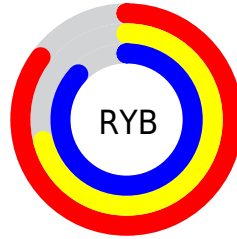
The YUV color **195.9650, 13.3283, 18.4477** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **207.0350, -13.3283, -18.4477**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.8470, 5.4984, 9.7812**, and **142.1390, 12.7495, 17.4181** is the 20% darker color. If you saturate the color by 10%, you get **182.1540, 20.1371, 27.9289**, and if you desaturate by 10%, it is **209.7760, 6.5194, 8.9664**.

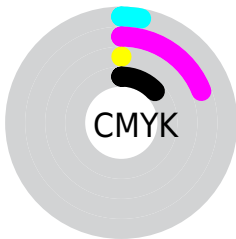
Distribution



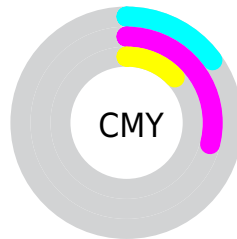
- Red (85%)
- Green (71%)
- Blue (87%)



- Red (85%)
- Yellow (71%)
- Blue (87%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (13%)





- Cyan (15%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.9650, 13.3283, 18.4477 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 195.9650, 13.3283, 18.4477 by changing the saturation by 10% instead.


 195.9650, 13.3283,
18.4477


 195.9650, 13.3283,
18.4477


255.0000, 0.0000,
0.0000


 168.5520, 13.0389,
17.9329


 243.8470, 5.4984,
9.7812

 142.1390, 12.7495,
17.4181

 116.3130, 12.1707,
16.3885

 91.9000, 11.8813,
15.8737

 67.4870, 11.5919,
15.3589

 44.6610, 11.0131,
14.3293

 23.2480, 10.7237,

13.8145

■ 7.0360, 8.8563,
6.1074

■ 0.0000, 0.0000,
0.0000

■ 195.9650, 13.3283,
18.4477

■ 195.9650, 13.3283,
18.4477

■ 182.1540, 20.1371,
27.9289

■ 209.7760, 6.5194,
8.9664

■ 167.7560, 27.2353,
37.9250

■ 224.1740, -0.5788,
-1.0296

■ 153.9450, 34.0441,
47.4062

■ 237.9850, -7.3876,
-10.5108

■ 140.1340, 40.8529,
56.8875

■ 243.5780,
-10.1450, -12.7849

126.0240, 47.8092,
65.7540

244.7740,
-10.7346, -10.3258

111.6260, 54.9074,
75.7500

245.6710,
-11.1768, -8.4815

97.8150, 61.7162,
85.2312

246.5680,
-11.6190, -6.6371

84.0040, 68.5250,
94.7125

247.4650,
-12.0612, -4.7928

82.8300, 69.1038,
95.7421

248.3620,
-12.5035, -2.9485

Harmonies

Analogous

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



193.4010, 21.9873, -5.6137



195.9650, 13.3283, 18.4477



196.3880, 1.7807, 35.6167

Triad

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



195.9650, 13.3283, 18.4477



191.6550, -23.4939, 22.2276



180.9270, 13.8400, -52.5560

Complementary

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



195.9650, 13.3283, 18.4477



207.0350, -13.3283, -18.4477

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.



182.8610, 0.5615, -40.2201



195.9650, 13.3283, 18.4477



189.1040, -21.2503, 2.5398

Square

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



195.9650, 13.3283, 18.4477



193.4810, -19.4641, 36.4122



185.6650, -12.1598, -19.8772



183.0550, 23.1439, -50.0372

Rectangle

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



195.9650, 13.3283, 18.4477



195.3580, -6.0925, 40.9050



185.6650, -12.1598, -19.8772



181.2110, 9.7560, -49.2970

Sweetspot

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



195.9650, 13.3283, 18.4477



245.5970, 4.6357, 6.4924



188.4240, 17.0460, -7.3878



122.1190, 2.8993, 3.4036



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.



195.9650, 13.3283, 18.4477



217.9750, 18.2533, 25.4549



196.0490, 5.8918, 23.6360



105.2440, 3.3307, 5.0480



65.2130, 54.6180, 75.2352



18.0300, 14.7752, 21.0217

Inverse Universe

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



193.5410, -3.7177, 25.8355



214.6670, -4.7658, 35.3720



206.9510, -5.8918, -23.6360



104.5170, -0.7479, 6.5626



55.4740, -15.0237, 105.7013



15.1500, -4.0179, 28.8095

Previews

White Background



This preview shows how the YUV color 195.9650, 13.3283, 18.4477 looks on a white background.

Color Contrast Check

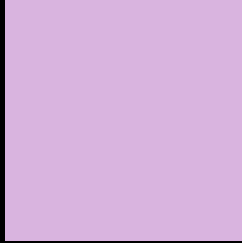
Large Text (above 18pt) WCAG AA × Fail

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 195.9650, 13.3283, 18.4477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

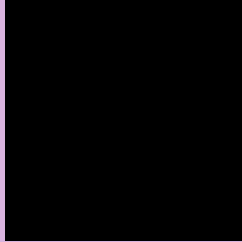
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.9650, 13.3283, 18.4477

Background



This preview shows how black text looks on a background with the YUV color 195.9650, 13.3283, 18.4477.



This preview shows how white text looks on a background with the YUV color 195.9650, 13.3283, 18.4477.

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

195.9650, 13.3283, 18.4477

Protanopia

193.3530, 18.0670, -8.2026

Deuteranopia

193.9800, 13.8139, 2.6485



Tritanopia

194.3810, 2.2772, 16.3289

Trichromacy



Original Color

195.9650, 13.3283, 18.4477

Protanomaly

194.2510, 16.1453, 1.5339

Deuteranomaly

194.3120, 13.6502, 8.4964

Tritanomaly

195.1190, 6.3503, 16.5586

Monochromacy



Original Color

195.9650, 13.3283, 18.4477

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.0100, 4.9251, 7.0072

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.9650, 13.3283, 18.4477 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(217, 180, 223)` looks like.

```
.text, #text, p{  
    color:rgb(217, 180, 223)  
}
```

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(217, 180, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 180, 223) }
```

Border

The CSS property to change the border of an element to YUV 195.9650, 13.3283, 18.4477 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(217, 180, 223) }
```


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

```
.border{ border-color:rgb(217, 180, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 180, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 180, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 180, 223);  
box-shadow:4px 4px 4px 4px rgb(217, 180,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 195.9650, 13.3283, 18.4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 180, 223) }
```

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

```
.background{ background-color: rgb(217,  
180, 223) }
```

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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