

Converting Colors

YUV(194.7190, 19.8585,
23.9254)

Have a look what the booklet for
YUV(194.7190, 19.8585, 23.9254)
contains.

YUV(194.7190, 19.8585, 23.9254)	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(194.7190, 19.8585,
23.9254)**

Conversions

Conversions Part 1

Format	Color
Hex	DEADEB
RGB	222, 173, 235
RGB Percent	87%, 68%, 92%
CMY	0.1294, 0.3216, 0.0784
CMYK	0.06, 0.26, 0.00, 0.08
HSL	287°, 61%, 80%
HSV	287°, 26%, 92%
XYZ	60.0632, 51.4149, 85.3557
YIQ	194.7190, 9.3020, 29.6700

Conversions

Conversions Part 2

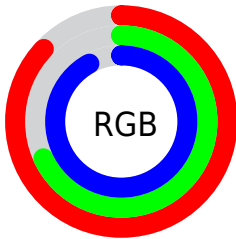
Format	Color
R _Y B	222, 173, 235
Decimal	14593515
CIE Lab	76.93, 28.51, -24.19
CIE LCh	77, 37.388, 319.689
Yxy	51.4149, 0.3051, 0.2612
Android (android.graphics.Color)	4292783595 (0xFFDEADEC)
YUV	194.7190, 19.8585, 23.9254
Hunter-Lab	71.7042, 24.0386, -20.3851

Details

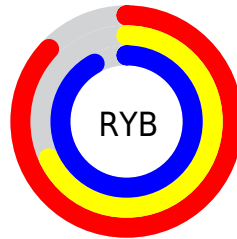
The YUV color $194.7190, 19.8585, 23.9254$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $213.2810, -19.8585, -23.9254$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.7380, 7.5242, 13.3848$, and $140.4800, 18.9904, 22.3810$ is the 20% darker color. If you saturate the color by 10%, you get $179.1360, 27.5410, 33.2067$, and if you desaturate by 10%, it is $210.3020, 12.1761, 14.6441$.

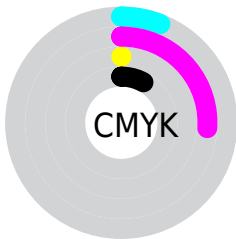
Distribution



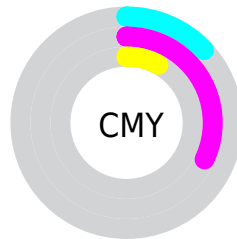
- Red (87%)
- Green (68%)
- Blue (92%)



- Red (87%)
- Yellow (68%)
- Blue (92%)



- Cyan (6%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)



- Cyan (13%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.7190, 19.8585, 23.9254 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 194.7190, 19.8585, 23.9254 by changing the saturation by 10% instead.

■ 194.7190, 19.8585,
23.9254

■ 194.7190, 19.8585,
23.9254

255.0000, 0.0000,
0.0000

■ 167.3060, 19.5691,
23.4106

■ 239.7380, 7.5242,
13.3848

■ 140.4800, 18.9904,
22.3810

■ 114.6540, 18.4116,
21.3514

■ 89.8280, 17.8328,
20.3218

■ 65.4150, 17.5434,
19.8070

■ 42.5890, 16.9646,
18.7774

■ 19.2900, 17.1120,

18.1627

■ 8.4320, 11.6190,
6.6371

■ 0.4560, 1.7472,
-0.3999

■ 194.7190, 19.8585,
23.9254

■ 194.7190, 19.8585,
23.9254

■ 179.1360, 27.5410,
33.2067

■ 210.3020, 12.1761,
14.6441

■ 164.1400, 34.9340,
41.9732

■ 225.2980, 4.7831,
5.8777

■ 149.1440, 42.3270,
50.7397

■ 240.8810, -2.8993,
-3.4036

■ 133.5610, 50.0094,
60.0210

■ 248.8330, -6.8197,
-5.9925

■ 118.5650, 57.4025,
68.7875

■ 250.3280, -7.5567,
-2.9187

■ 102.9820, 65.0849,
78.0688

■ 251.8230, -8.2937,
0.1552

■ 88.2850, 72.3305,
87.4501

■ 252.7200, -8.7360,
1.9996

■ 82.4040, 75.2298,
90.8537

Harmonies

Analogous

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



190.5880, 31.7551, -11.9167



194.7190, 19.8585, 23.9254



194.7470, 4.0687, 48.4569

Triad

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



194.7190, 19.8585, 23.9254



188.8920, -32.9778, 30.7897



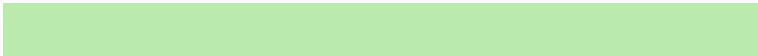
167.7810, 21.8000, -85.7539

Complementary

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



194.7190, 19.8585, 23.9254



213.2810, -19.8585, -23.9254

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.



174.4520, 0.7632, -58.2784



194.7190, 19.8585, 23.9254



185.4110, -30.2756, 4.0246

Square

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



194.7190, 19.8585, 23.9254



190.9620, -25.6173, 50.0223



180.7260, -18.1059, -26.0697



169.7500, 35.6193, -84.8497

Rectangle

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



194.7190, 19.8585, 23.9254



192.4460, -6.1359, 54.8599



180.7260, -18.1059, -26.0697



169.7020, 14.9369, -77.7917

Sweetspot

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



194.7190, 19.8585, 23.9254



242.0640, 6.3774, 7.8369



187.6990, 23.3194, -12.8910



119.4720, 4.2043, 4.8481



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.



194.7190, 19.8585, 23.9254



201.7830, 26.2360, 31.7623



196.5540, 10.0799, 33.7171



109.9450, 3.4781, 4.4332



63.3910, 57.9812, 69.8171



18.7140, 17.3960, 20.4218

Inverse Universe

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



193.0200, -3.4609, 36.8165



199.5700, -4.2250, 48.6121



211.4460, -10.0799, -33.7171



109.5170, -0.7479, 6.5626



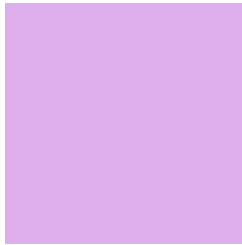
58.4510, -10.0823, 107.4755



17.4000, -3.1552, 32.0982

Previews

White Background



This preview shows how the YUV color 194.7190, 19.8585, 23.9254 looks on a white background.

Color Contrast Check

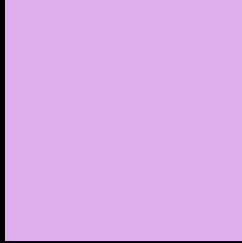
Large Text (above 18pt) WCAG AA × Fail

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 194.7190, 19.8585, 23.9254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

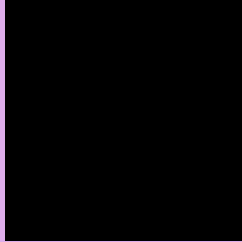
Any Text WCAG AA ✓ Pass

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 194.7190, 19.8585, 23.9254 Background



This preview shows how black text looks on a background with the YUV color 194.7190, 19.8585, 23.9254.



This preview shows how white text looks on a background with the YUV color 194.7190, 19.8585,

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

194.7190, 19.8585, 23.9254

Protanopia

190.7250, 27.2506, -13.7908

Deuteranopia

191.5430, 19.9453, -3.9842



Tritanopia

193.0610, 0.9559, 20.1175

Trichromacy



Original Color

194.7190, 19.8585, 23.9254



Protanomaly

192.4170, 24.4444, -0.3657



Deuteranomaly

192.6090, 19.9128, 6.4819



Tritanomaly

193.6080, 8.0813, 21.3918

Monochromacy



Original Color

194.7190, 19.8585, 23.9254



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.0040, 7.3930, 8.7665

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7190, 19.8585, 23.9254 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(222, 173, 235)` looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 235)  
}
```

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(222, 173, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 235) }
```

Border

The CSS property to change the border of an element to YUV 194.7190, 19.8585, 23.9254 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(222, 173, 235) }
```


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

```
.border{ border-color:rgb(222, 173, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 173, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 173, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 173, 235);  
box-shadow:4px 4px 4px 4px rgb(222, 173,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 194.7190, 19.8585, 23.9254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 173, 235) }
```

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

```
.background{ background-color: rgb(222,  
173, 235) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor