

Converting Colors

YUV(193.8850, 28.1577,
22.0259)

Have a look what the booklet for
YUV(193.8850, 28.1577, 22.0259)
contains.

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Color

**YUV(193.8850, 28.1577,
22.0259)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAAFB
RGB	219, 170, 251
RGB Percent	86%, 67%, 98%
CMY	0.1412, 0.3333, 0.0157
CMYK	0.13, 0.32, 0.00, 0.02
HSL	276°, 91%, 83%
HSV	276°, 32%, 98%
XYZ	61.0007, 50.7746, 97.8522
YIQ	193.8850, 3.2030, 35.5790

Conversions

Conversions Part 2

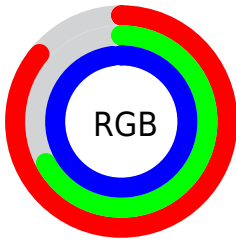
Format	Color
R _Y B	219, 170, 251
Decimal	14396155
CIE Lab	76.54, 32.40, -33.45
CIE LCh	77, 46.568, 314.088
Yxy	50.7746, 0.2910, 0.2422
Android (android.graphics.Color)	4292586235 (0xFFDBAAFB)
YUV	193.8850, 28.1577, 22.0259
Hunter-Lab	71.2563, 28.1110, -31.5402

Details

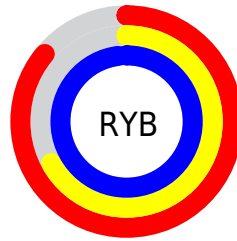
The YUV color **193.8850, 28.1577, 22.0259** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **227.1150, -28.1577, -22.0259**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9770, 8.3923, 14.9292**, and **139.5320, 26.8527, 20.5814** is the 20% darker color. If you saturate the color by 10%, you get **176.2200, 36.8665, 28.7481**, and if you desaturate by 10%, it is **211.5500, 19.4489, 15.3037**.

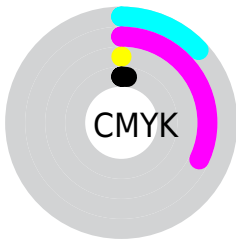
Distribution



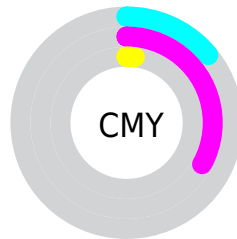
- Red (86%)
- Green (67%)
- Blue (98%)



- Red (86%)
- Yellow (67%)
- Blue (98%)



- Cyan (13%)
- Magenta (32%)
- Yellow (0%)
- Black (2%)




- Cyan (14%)
- Magenta (33%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.8850, 28.1577, 22.0259 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 193.8850, 28.1577, 22.0259 by changing the saturation by 10% instead.


 193.8850, 28.1577,
22.0259

 193.8850, 28.1577,
22.0259


255.0000, 0.0000,
0.0000

 166.3580, 27.4315,
21.6110


 237.9770, 8.3923,
14.9292

 139.5320, 26.8527,
20.5814

 113.7060, 26.2739,
19.5518

 88.7660, 25.2584,
18.6222

 63.9400, 24.6796,
17.5926

 40.1140, 24.1008,
16.5630

 17.9890, 23.6694,

14.9186

■ 7.2940, 17.6031,
0.6192

■ 2.9810, 8.8834,
-2.6143

■ 193.8850, 28.1577,
22.0259

■ 193.8850, 28.1577,
22.0259

■ 176.2200, 36.8665,
28.7481

■ 211.5500, 19.4489,
15.3037

■ 158.5550, 45.5754,
35.4703

■ 229.2150, 10.7400,
8.5814

■ 140.8900, 54.2842,
42.1925

■ 246.8800, 2.0312,
1.8592

■ 123.2250, 62.9931,
48.9147

■ 254.5440, -1.7472,
0.3999

■ 105.5600, 71.7019,
55.6369

■ 87.6070, 80.5527,
63.4887

■ 74.0620, 87.2304,
68.3516

Harmonies

Analogous

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



185.1950, 34.4139, -24.7270



193.8850, 28.1577, 22.0259



192.8000, 10.4516, 54.5494

Triad

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



193.8850, 28.1577, 22.0259



187.1340, -39.9991, 42.8555



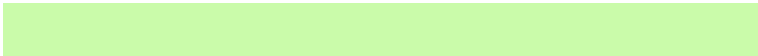
147.5690, 29.7925, -129.4180

Complementary

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



193.8850, 28.1577, 22.0259



227.1150, -28.1577, -22.0259

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.



168.5770, -2.2565, -69.7890



193.8850, 28.1577, 22.0259



183.6370, -39.7540, 10.8424

Square

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



193.8850, 28.1577, 22.0259



186.8600, -27.5390, 59.7588



178.2500, -26.2523, -26.5293



150.3680, 48.1326, -131.8727

Rectangle

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



193.8850, 28.1577, 22.0259



187.7330, -1.3474, 58.9932



178.2500, -26.2523, -26.5293



150.7570, 21.3188, -118.1819

Sweetspot

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



193.8850, 28.1577, 22.0259



237.3350, 8.7088, 6.7222



198.0180, 26.1201, -24.5718



116.5150, 5.6621, 3.9333



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.



193.8850, 28.1577, 22.0259



185.2260, 34.3986, 26.9888



202.5410, 19.9463, 42.4985



115.8740, 4.4991, 3.6185



55.6320, 65.7504, 51.1887



18.0170, 21.1906, 16.6481

Inverse Universe

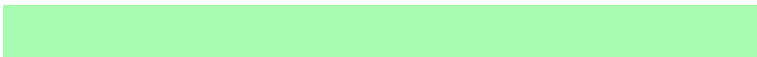
The Inverse Universe completely reimagines the original color for something new.



197.8670, 2.0376, 46.5976



190.0470, 2.4418, 56.9638



218.4590, -19.9463, -42.4985



116.4570, 0.2677, 7.4922



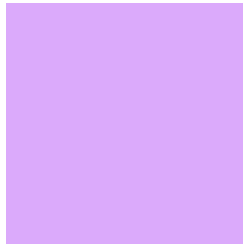
65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 193.8850, 28.1577, 22.0259 looks on a white background.

Color Contrast Check

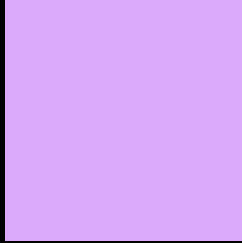
Large Text (above 18pt) WCAG AA × Fail

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 193.8850, 28.1577, 22.0259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

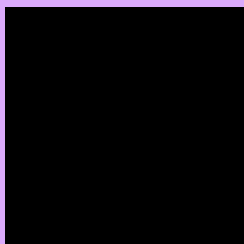
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.8850, 28.1577, 22.0259

Background



This preview shows how black text looks on a background with the YUV color 193.8850, 28.1577, 22.0259.



This preview shows how white text looks on a background with the YUV color 193.8850, 28.1577,

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

193.8850, 28.1577, 22.0259

Protanopia

189.3700, 32.3556, -17.8645

Deuteranopia

190.0780, 28.5555, -12.3464



Tritanopia

191.2670, 1.8404, 16.4288

Trichromacy



Original Color

193.8850, 28.1577, 22.0259



Protanomaly

191.1160, 31.0018, -3.6097



Deuteranomaly

191.4540, 28.3702, 0.4788



Tritanomaly

192.0960, 11.2917, 18.3328

Monochromacy



Original Color

193.8850, 28.1577, 22.0259



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.8020, 10.4506, 8.0666

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8850, 28.1577, 22.0259 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(219, 170, 251)` looks like.

```
.text, #text, p{  
    color:rgb(219, 170, 251)  
}
```

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(219, 170, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 170, 251) }
```

Border

The CSS property to change the border of an element to YUV 193.8850, 28.1577, 22.0259 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(219, 170, 251) }
```


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

```
.border{ border-color:rgb(219, 170, 251) }
```

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

Here you see how a box with a 4 pixel rgb(219, 170, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 170, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 170, 251);  
box-shadow:4px 4px 4px 4px rgb(219, 170,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 193.8850, 28.1577, 22.0259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 170, 251) }
```

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

```
.background{ background-color: rgb(219,  
170, 251) }
```

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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