

Converting Colors

YUV(195.4010, 28.8893,
20.6963)

Have a look what the booklet for
YUV(195.4010, 28.8893, 20.6963)
contains.

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Color

**YUV(195.4010, 28.8893,
20.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	DBACFE
RGB	219, 172, 254
RGB Percent	86%, 67%, 100%
CMY	0.1412, 0.3255, 0.0039
CMYK	0.14, 0.32, 0.00, 0.00
HSL	274°, 98%, 84%
HSV	274°, 32%, 100%
XYZ	61.8553, 51.7209, 100.4889
YIQ	195.4010, 1.6900, 35.4660

Conversions

Conversions Part 2

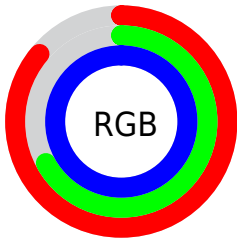
Format	Color
RYB	219, 172, 254
Decimal	14396670
CIELab	77.11, 31.94, -34.18
CIELCh	77, 46.784, 313.060
Yxy	51.7209, 0.2890, 0.2416
Android (android.graphics.Color)	4292586750 (0xFFDBACFE)
YUV	195.4010, 28.8893, 20.6963
Hunter-Lab	71.9172, 27.6710, -32.5030

Details

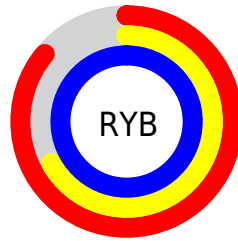
The YUV color **195.4010, 28.8893, 20.6963** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **230.5990, -28.8893, -20.6963**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1510, 7.8136, 13.8996**, and **141.0480, 27.5843, 19.2519** is the 20% darker color. If you saturate the color by 10%, you get **177.4370, 37.7456, 26.8038**, and if you desaturate by 10%, it is **213.3650, 20.0331, 14.5889**.

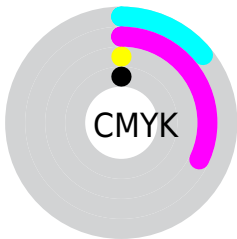
Distribution



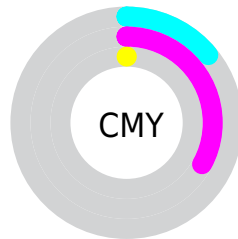
- Red (86%)
- Green (67%)
- Blue (100%)



- Red (86%)
- Yellow (67%)
- Blue (100%)



- Cyan (14%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 195.4010, 28.8893, 20.6963 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 195.4010, 28.8893, 20.6963 by changing the saturation by 10% instead.


 195.4010, 28.8893,
20.6963


 195.4010, 28.8893,
20.6963


255.0000, 0.0000,
0.0000


 167.8740, 28.1631,
20.2815

 239.1510, 7.8136,
13.8996

 141.0480, 27.5843,
19.2519

 115.2220, 27.0056,
18.2223

 90.2820, 25.9900,
17.2927

 65.4560, 25.4112,
16.2631

 41.6300, 24.8324,
15.2335

 18.8040, 24.2536,

14.2039

■ 8.1200, 18.1818,
1.6488

■ 3.2090, 9.7570,
-2.8143

■ 195.4010, 28.8893,
20.6963

■ 195.4010, 28.8893,
20.6963

■ 177.4370, 37.7456,
26.8038

■ 213.3650, 20.0331,
14.5889

■ 158.8860, 46.8912,
33.4260

■ 231.9160, 10.8874,
7.9667

■ 140.9220, 55.7475,
39.5334

■ 249.8800, 2.0312,
1.8592

■ 122.6700, 64.7457,
46.7704

■ 254.8860, -0.4368,
0.1000

■ 104.7060, 73.6019,
52.8778

■ 86.7420, 82.4582,
58.9853

■ 72.6100, 89.4253,
64.3630

Harmonies

Analogous

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



186.0700, 33.9825, -26.3714



195.4010, 28.8893, 20.6963



194.3160, 11.1832, 53.2199

Triad

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



195.4010, 28.8893, 20.6963



188.7320, -40.2939, 44.0850



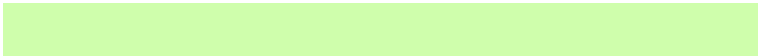
148.8570, 29.6505, -130.5476

Complementary

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



195.4010, 28.8893, 20.6963



230.5990, -28.8893, -20.6963

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.



170.0610, -2.9881, -68.4595



195.4010, 28.8893, 20.6963



185.2350, -40.0489, 12.0719

Square

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



195.4010, 28.8893, 20.6963



187.6750, -26.9548, 59.0440



179.7340, -26.9839, -25.1997



151.5420, 47.5538, -132.9023

Rectangle

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



195.4010, 28.8893, 20.6963



188.6620, -0.3264, 58.1784



179.7340, -26.9839, -25.1997



154.6220, 19.4134, -113.6785

Sweetspot

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



195.4010, 28.8893, 20.6963



237.0360, 8.8563, 6.1074



202.4800, 25.3994, -26.7310



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.



195.4010, 28.8893, 20.6963



184.3290, 34.8408, 25.1445



205.2960, 21.5461, 42.7134



118.5750, 4.6465, 3.0037



54.6640, 67.2136, 48.5297



18.3590, 22.5010, 16.3482

Inverse Universe

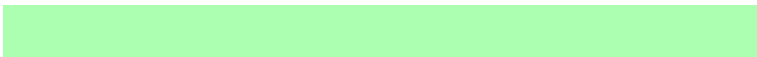
The Inverse Universe completely reimagines the original color for something new.



200.5080, 3.2006, 46.9125



190.3890, 3.7522, 56.6638



220.7040, -21.5461, -42.7134



119.4570, 0.2677, 7.4922



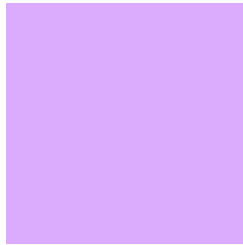
66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 195.4010, 28.8893, 20.6963 looks on a white background.

Color Contrast Check

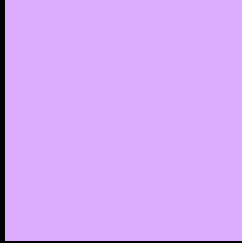
Large Text (above 18pt) WCAG AA × Fail

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 195.4010, 28.8893, 20.6963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

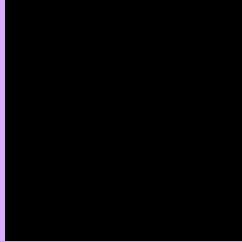
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 195.4010, 28.8893, 20.6963

Background



This preview shows how black text looks on a background with the YUV color 195.4010, 28.8893, 20.6963.

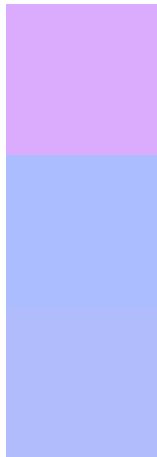


This preview shows how white text looks on a background with the YUV color 195.4010, 28.8893,

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

195.4010, 28.8893, 20.6963

Protanopia

190.5550, 31.7714, -17.1497

Deuteranopia

191.5940, 29.2872, -13.6759



Tritanopia

192.7830, 2.5720, 15.0993

Trichromacy



Original Color

195.4010, 28.8893, 20.6963



Protanomaly

192.1160, 31.0018, -3.6097



Deuteranomaly

192.9700, 29.1018, -0.8507

Tritanomaly

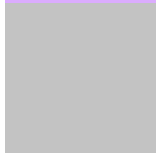
193.6120, 12.0233, 17.0033

Monochromacy



Original Color

195.4010, 28.8893, 20.6963



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.3890, 10.1612, 7.5518

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.4010, 28.8893, 20.6963 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, 172, 254)` looks like.

```
.text, #text, p{  
    color:rgb(219, 172, 254)  
}
```

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, 172, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 172, 254) }
```

Border

The CSS property to change the border of an element to YUV 195.4010, 28.8893, 20.6963 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, 172, 254) }
```


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

```
.border{ border-color:rgb(219, 172, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 172, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 172, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 172, 254);  
box-shadow:4px 4px 4px 4px rgb(219, 172,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 195.4010, 28.8893, 20.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 172, 254) }
```

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

```
.background{ background-color: rgb(219,  
172, 254) }
```

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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