

Converting Colors

YUV(212.9960, 19.7220,
21.0515)

Have a look what the booklet for
YUV(212.9960, 19.7220, 21.0515)
contains.

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Color

**YUV(212.9960, 19.7220,
21.0515)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC1FD
RGB	237, 193, 253
RGB Percent	93%, 76%, 99%
CMY	0.0706, 0.2431, 0.0078
CMYK	0.06, 0.24, 0.00, 0.01
HSL	284°, 94%, 87%
HSV	284°, 24%, 99%
XYZ	71.7246, 63.2363, 101.3540
YIQ	212.9960, 6.9640, 27.9880

Conversions

Conversions Part 2

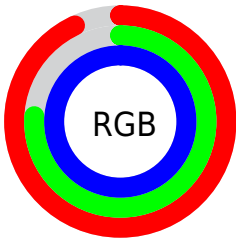
Format	Color
R _Y B	237, 193, 253
Decimal	15581693
CIE Lab	83.57, 26.05, -23.61
CIE LCh	84, 35.156, 317.804
Yxy	63.2363, 0.3035, 0.2676
Android (android.graphics.Color)	4293771773 (0xFFEDC1FD)
YUV	212.9960, 19.7220, 21.0515
Hunter-Lab	79.5213, 21.8369, -19.9034

Details

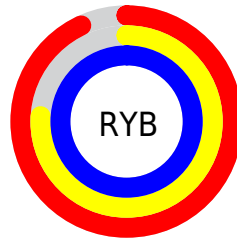
The YUV color **212.9960, 19.7220, 21.0515** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **233.0040, -19.7220, -21.0515**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.0650, 1.4470, 2.5740**, and **158.0560, 18.7064, 20.1219** is the 20% darker color. If you saturate the color by 10%, you get **196.2280, 27.9886, 29.6180**, and if you desaturate by 10%, it is **229.7640, 11.4553, 12.4850**.

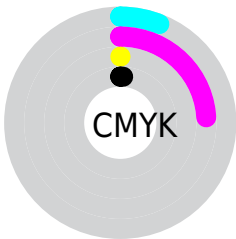
Distribution



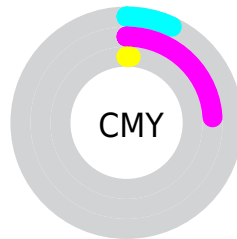
- Red (93%)
- Green (76%)
- Blue (99%)



- Red (93%)
- Yellow (76%)
- Blue (99%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (1%)





- Cyan (7%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 212.9960, 19.7220, 21.0515 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 212.9960, 19.7220, 21.0515 by changing the saturation by 10% instead.


 212.9960, 19.7220,
21.0515


 212.9960, 19.7220,
21.0515


255.0000, 0.0000,
0.0000


 185.1700, 19.1432,
20.0219


 252.0650, 1.4470,
2.5740

 158.0560, 18.7064,
20.1219

 131.3440, 18.5644,
18.9923

 106.4040, 17.5488,
18.0627

 81.6920, 17.4068,
16.9331

 58.1650, 16.6807,
16.5183

 35.3390, 16.1019,

15.4887

■ 14.8120, 15.3757,
15.0739

■ 3.3230, 10.1938,
-2.9143

■ 212.9960, 19.7220,
21.0515

■ 212.9960, 19.7220,
21.0515

■ 196.2280, 27.9886,
29.6180

■ 229.7640, 11.4553,
12.4850

■ 179.1720, 36.3972,
39.3142

■ 246.8200, 3.0467,
2.7889

■ 162.4040, 44.6638,
47.8807

254.7720, -0.8736,
0.2000

■ 145.6360, 52.9305,
56.4472

■ 128.8680, 61.1971,
65.0138

■ 111.8120, 69.6057,
74.7099

■ 95.0440, 77.8723,
83.2764

■ 84.4560, 83.0922,
89.0541

Harmonies

Analogous

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



207.4110, 23.4614, -11.7614



212.9960, 19.7220, 21.0515



210.2620, 6.2798, 39.2352

Triad

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



212.9960, 19.7220, 21.0515



207.9460, -31.5254, 31.6194



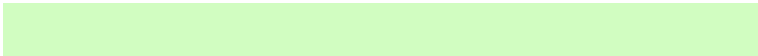
189.9350, 18.2730, -74.4880

Complementary

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



212.9960, 19.7220, 21.0515



233.0040, -19.7220, -21.0515

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.



195.0290, -1.0003, -52.6454



212.9960, 19.7220, 21.0515



204.0630, -29.1181, 6.0837

Square

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



212.9960, 19.7220, 21.0515



206.7160, -22.5380, 42.3451



200.3350, -18.4062, -23.0958



191.9640, 31.0767, -74.5134

Rectangle

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



212.9960, 19.7220, 21.0515



207.1670, -3.0403, 41.9495



200.3350, -18.4062, -23.0958



191.6600, 11.9996, -68.9848

Sweetspot

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



212.9960, 19.7220, 21.0515



242.9390, 5.9461, 6.1925



209.2320, 21.5776, -14.2355



120.6460, 3.6255, 3.8185



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.



212.9960, 19.7220, 21.0515



207.6420, 23.3475, 24.8700



216.1840, 11.2483, 32.2876



119.1730, 4.3517, 4.2333



63.6340, 62.7914, 66.9730



21.3490, 21.0269, 22.4959

Inverse Universe

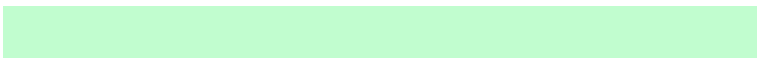
The Inverse Universe completely reimagines the original color for something new.



212.7640, -1.8557, 35.2870



207.3950, -2.1667, 41.7496



229.8160, -11.2483, -32.2876



119.2290, -0.6059, 7.6922



62.9230, -5.8780, 112.3235



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 212.9960, 19.7220, 21.0515 looks on a white background.

Color Contrast Check

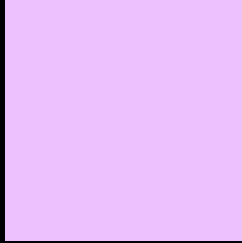
Large Text (above 18pt) WCAG AA × Fail

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 212.9960, 19.7220, 21.0515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

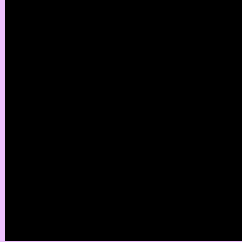
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.9960, 19.7220, 21.0515

Background



This preview shows how black text looks on a background with the YUV color 212.9960, 19.7220, 21.0515.

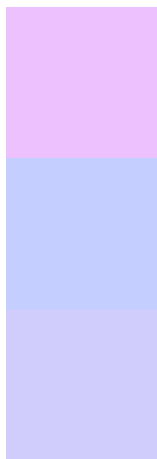


This preview shows how white text looks on a background with the YUV color 212.9960, 19.7220,

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

212.9960, 19.7220, 21.0515

Protanopia

209.4820, 22.4404, -10.9467

Deuteranopia

210.5540, 19.9399, -2.2399



Tritanopia

210.9790, 1.9824, 17.5584

Trichromacy



Original Color

212.9960, 19.7220, 21.0515



Protanomaly

210.9180, 21.2394, 0.9489



Deuteranomaly

211.6090, 19.9128, 6.4819



Tritanomaly

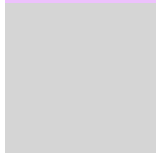
211.4120, 8.6709, 18.9327

Monochromacy



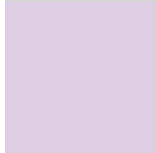
Original Color

212.9960, 19.7220, 21.0515



Achromatopsia

213.0000, 0.0000, 0.0000



Achromatomaly

213.2920, 7.2510, 7.6369

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9960, 19.7220, 21.0515 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(237, 193, 253)` looks like.

```
.text, #text, p{  
    color:rgb(237, 193, 253)  
}
```

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(237, 193, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 193, 253) }
```

Border

The CSS property to change the border of an element to YUV 212.9960, 19.7220, 21.0515 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(237, 193, 253) }
```


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

```
.border{ border-color:rgb(237, 193, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 193, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 193, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 193, 253);  
box-shadow:4px 4px 4px 4px rgb(237, 193,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 212.9960, 19.7220, 21.0515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 193, 253) }
```

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

```
.background{ background-color: rgb(237,  
193, 253) }
```

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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