

Converting Colors

YUV(219.9960, 16.2710, 7.8965)

Have a look what the booklet for
YUV(219.9960, 16.2710, 7.8965)
contains.

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Color

**YUV(219.9960, 16.2710,
7.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D1FD
RGB	229, 209, 253
RGB Percent	90%, 82%, 99%
CMY	0.1020, 0.1804, 0.0078
CMYK	0.09, 0.17, 0.00, 0.01
HSL	267°, 92%, 91%
HSV	267°, 17%, 99%
XYZ	72.8432, 69.3508, 102.4753
YIQ	219.9960, -2.2040, 17.9240

Conversions

Conversions Part 2

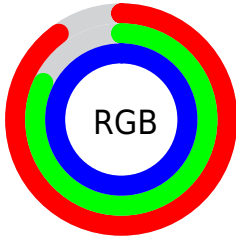
Format	Color
R _Y B	229, 209, 253
Decimal	15061501
CIE Lab	86.68, 14.99, -18.97
CIE LCh	87, 24.176, 308.321
Yxy	69.3508, 0.2977, 0.2834
Android (android.graphics.Color)	4293251581 (0xFFE5D1FD)
YUV	219.9960, 16.2710, 7.8965
Hunter-Lab	83.2771, 10.4005, -14.6644

Details

The YUV color **219.9960, 16.2710, 7.8965** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **242.0040, -16.2710, -7.8965**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **165.0560, 15.2554, 6.9669** is the 20% darker color. If you saturate the color by 10%, you get **201.1350, 25.5694, 12.1596**, and if you desaturate by 10%, it is **238.8570, 6.9725, 3.6334**.

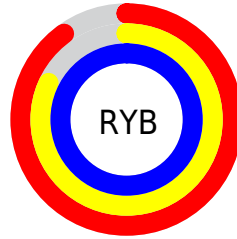
Distribution



Red (90%)

Green (82%)

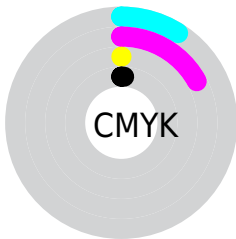
Blue (99%)



Red (90%)

Yellow (82%)

Blue (99%)

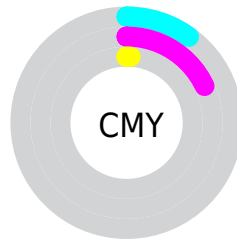


Cyan (9%)

Magenta (17%)

Yellow (0%)

Black (1%)



Cyan (10%)

Magenta (18%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.9960, 16.2710, 7.8965 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 219.9960, 16.2710, 7.8965 by changing the saturation by 10% instead.

219.9960, 16.2710,
7.8965

219.9960, 16.2710,
7.8965

255.0000, 0.0000,
0.0000

191.8820, 15.8342,
7.9965

165.0560, 15.2554,
6.9669

138.9420, 14.8186,
7.0669

112.8280, 14.3818,
7.1668

88.1160, 14.2398,
6.0373

64.5890, 13.5136,
5.6224

42.6490, 12.4980,

4.6928

■ 21.5350, 12.0612,
4.7928

■ 3.4370, 10.6306,
-3.0142

■ 219.9960, 16.2710,
7.8965

■ 219.9960, 16.2710,
7.8965

■ 201.1350, 25.5694,
12.1596

■ 238.8570, 6.9725,
3.6334

■ 181.6870, 35.1573,
16.9375

254.7720, -0.8736,
0.2000

■ 163.1250, 44.3084,
21.8154

■ 144.2640, 53.6068,
26.0785

■ 124.8160, 63.1947,
30.8564

■ 105.9550, 72.4932,
35.1195

■ 87.0940, 81.7917,
39.3826

■ 68.5320, 90.9427,
44.2604

■ 63.2270, 93.5581,
45.4049

Harmonies

Analogous

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



215.9500, 19.2517, -14.8651



219.9960, 16.2710, 7.8965



221.1850, 6.3178, 27.0248

Triad

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



219.9960, 16.2710, 7.8965



217.6710, -21.0368, 27.4755



207.6740, 7.5557, -43.5641

Complementary

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



219.9960, 16.2710, 7.8965



242.0040, -16.2710, -7.8965

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.



210.0320, -5.4388, -28.9691



219.9960, 16.2710, 7.8965



215.7460, -21.5668, 10.7468

Square

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



219.9960, 16.2710, 7.8965



217.6530, -13.6329, 32.7533



212.5200, -15.5394, -9.2260



208.6980, 17.8969, -47.0931

Rectangle

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



219.9960, 16.2710, 7.8965



219.1980, -0.0976, 31.3984



212.5200, -15.5394, -9.2260



208.2570, 3.3243, -39.6904

Sweetspot

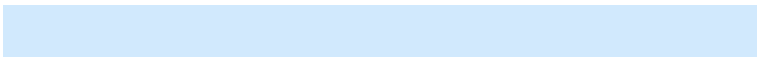
The Sweet Spot groups the original color and five complimentary colors.



219.9960, 16.2710, 7.8965



245.2760, 4.7939, 2.3889



228.1040, 12.2737, -16.7542



121.8090, 3.0522, 1.0445



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.



219.9960, 16.2710, 7.8965



214.6310, 19.9019, 9.9706



226.5740, 13.0280, 21.4216



118.2760, 4.7939, 2.3889



47.7870, 70.6040, 34.3898



15.9670, 23.6803, 11.4299

Inverse Universe

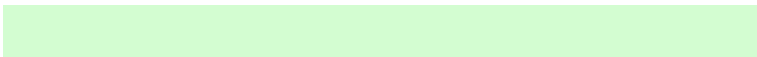
The Inverse Universe completely reimagines the original color for something new.



224.8920, 3.9972, 24.6507



220.5660, 5.1440, 30.1986



235.4260, -13.0280, -21.4216



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 219.9960, 16.2710, 7.8965 looks on a white background.

Color Contrast Check

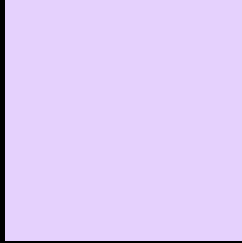
Large Text (above 18pt) WCAG AA × Fail

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 219.9960, 16.2710, 7.8965 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 219.9960, 16.2710, 7.8965

Background



This preview shows how black text looks on a background with the YUV color 219.9960, 16.2710, 7.8965.



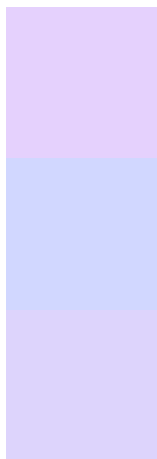
This preview shows how white text looks on a background with the YUV color 219.9960, 16.2710,

7.8965.

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

219.9960, 16.2710, 7.8965

Protanopia

217.7660, 18.3564, -7.6878

Deuteranopia

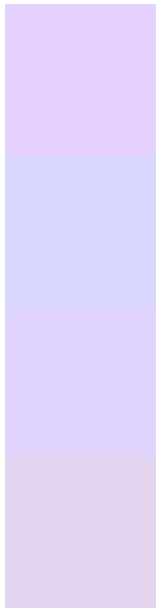
219.2510, 16.1453, 1.5339



Tritanopia

218.5260, 5.6567, 5.6777

Trichromacy



Original Color

219.9960, 16.2710, 7.8965

Protanomaly

218.5710, 17.4665, -2.2548

Deuteranomaly

219.5610, 15.9924, 3.8930

Tritanomaly

219.1500, 9.2931, 6.0075

Monochromacy



Original Color

219.9960, 16.2710, 7.8965

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9170, 5.9569, 2.7038

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.9960, 16.2710, 7.8965 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(229, 209, 253)` looks like.

```
.text, #text, p{  
    color:rgb(229, 209, 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(229, 209, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 209, 253) }
```

Border

The CSS property to change the border of an element to YUV 219.9960, 16.2710, 7.8965 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(229, 209, 253) }
```


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

```
.border{ border-color:rgb(229, 209, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 209, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 209, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 209, 253);  
box-shadow:4px 4px 4px 4px rgb(229, 209,  
253) }
```

Background

The CSS property to change the background color of an element to YUV 219.9960, 16.2710, 7.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 209, 253) }
```

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

```
.background{ background-color: rgb(229,  
209, 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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