

Converting Colors

YUV(219.3910, 17.0622,
-12.6209)

Have a look what the booklet for
YUV(219.3910, 17.0622, -12.6209)
contains.

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Color

**YUV(219.3910, 17.0622,
-12.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	CDDCFE
RGB	205, 220, 254
RGB Percent	80%, 86%, 100%
CMY	0.1961, 0.1373, 0.0039
CMYK	0.19, 0.13, 0.00, 0.00
HSL	222°, 96%, 90%
HSV	222°, 19%, 100%
XYZ	68.6594, 71.3213, 103.9136
YIQ	219.3910, -19.8540, 7.3940

Conversions

Conversions Part 2

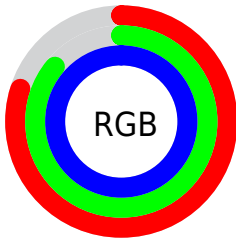
Format	Color
R _Y B	205, 216, 254
Decimal	13491454
CIE Lab	87.64, 1.90, -18.22
CIE LCh	88, 18.318, 275.968
Yxy	71.3213, 0.2815, 0.2924
Android (android.graphics.Color)	4291681534 (0xFFCDDCFE)
YUV	219.3910, 17.0622, -12.6209
Hunter-Lab	84.4519, -2.6704, -13.8368

Details

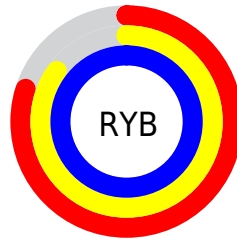
The YUV color `219.3910, 17.0622, -12.6209` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `239.6090, -17.0622, 12.6209`, and the grayscale version is `219.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `164.1630, 16.1886, -12.4210` is the 20% darker color. If you saturate the color by 10%, you get `201.3500, 25.9565, -18.7239`, and if you desaturate by 10%, it is `237.4320, 8.1680, -6.5179`.

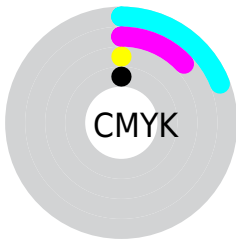
Distribution



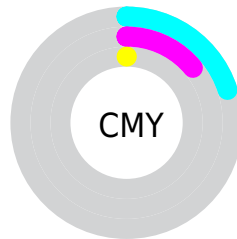
- Red (80%)
- Green (86%)
- Blue (100%)



- Red (80%)
- Yellow (85%)
- Blue (100%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.3910, 17.0622, -12.6209 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 219.3910, 17.0622, -12.6209 by changing the saturation by 10% instead.

■ 219.3910, 17.0622,
-12.6209

■ 219.3910, 17.0622,
-12.6209

255.0000, 0.0000,
0.0000

■ 191.2770, 16.6254,
-12.5209

■ 164.1630, 16.1886,
-12.4210

■ 138.0490, 15.7518,
-12.3210

■ 111.9350, 15.3150,
-12.2210

■ 87.8210, 14.8782,
-12.1210

■ 64.2940, 14.1521,
-12.5358

■ 41.4680, 13.5733,

-13.5654

■ 19.4570, 13.5787,
-15.3098

■ 3.5510, 11.0674,
-3.1142

■ 219.3910, 17.0622,
-12.6209

■ 219.3910, 17.0622,
-12.6209

■ 201.3500, 25.9565,
-18.7239

■ 237.4320, 8.1680,
-6.5179

■ 183.5970, 34.7087,
-25.9566

254.8860, -0.4368,
0.1000

■ 165.5560, 43.6029,
-32.0596

■ 147.8030, 52.3551,
-39.2922

■ 129.7620, 61.2493,
-45.3953

■ 111.7210, 70.1435,
-51.4983

■ 93.9680, 78.8958,
-58.7309

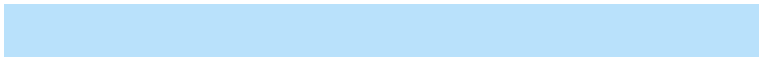
■ 75.9270, 87.7900,
-64.8340

■ 74.7420, 88.3742,
-65.5487

Harmonies

Analogous

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



216.0040, 17.2530, -27.1905



219.3910, 17.0622, -12.6209



221.7630, 12.9348, 4.5928

Triad

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



219.3910, 17.0622, -12.6209



221.7280, -10.7119, 29.1795



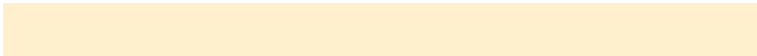
214.9020, -4.8817, -20.9621

Complementary

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



219.3910, 17.0622, -12.6209



239.6090, -17.0622, 12.6209

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.



216.6390, -12.6400, -5.8224



219.3910, 17.0622, -12.6209



220.6040, -16.0738, 22.2723

Square

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



219.3910, 17.0622, -12.6209



223.0790, -2.9969, 27.9947



219.0000, -16.7620, 9.6470



213.6540, 4.6076, -31.2686

Rectangle

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



219.3910, 17.0622, -12.6209



222.8630, 7.9555, 15.0291



219.0000, -16.7620, 9.6470



215.5390, -7.6607, -16.2587

Sweetspot

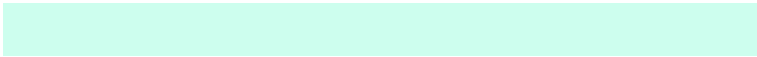
The Sweet Spot groups the original color and five complimentary colors.



219.3910, 17.0622, -12.6209



244.0580, 5.3944, -3.5589



237.5250, 0.2342, -28.5244



121.2000, 3.3524, -1.9294



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.



219.3910, 17.0622, -12.6209



213.2920, 20.5620, -15.1651



213.2770, 20.0764, 0.6341



118.8300, 4.5208, -3.3589



56.4070, 66.3543, -49.4689



19.0360, 22.1673, -16.6946

Inverse Universe

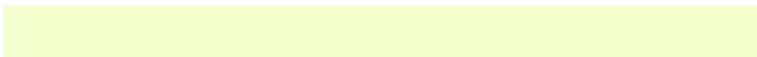
The Inverse Universe completely reimagines the original color for something new.



221.3610, -0.6710, 28.6244



215.6930, -0.8346, 34.4722



245.7230, -20.0764, -0.6341



119.3430, -0.1691, 7.5922



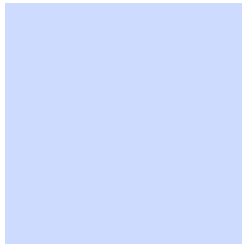
63.8350, -2.3837, 111.5237



21.4160, -0.6981, 37.3462

Previews

White Background



This preview shows how the YUV color 219.3910, 17.0622, -12.6209 looks on a white background.

Color Contrast Check

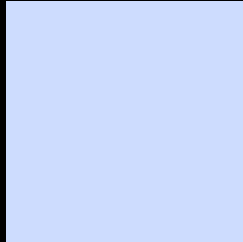
Large Text (above 18pt) WCAG AA × Fail

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 219.3910, 17.0622, -12.6209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

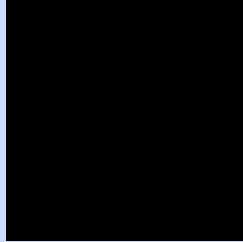
Any Text WCAG AA ✓ Pass

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 219.3910, 17.0622, -12.6209 Background



This preview shows how black text looks on a background with the YUV color 219.3910, 17.0622, -12.6209.



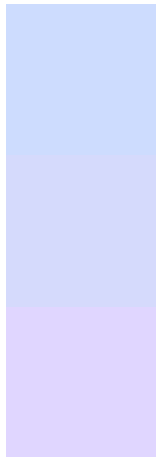
This preview shows how white text looks on a background with the YUV color 219.3910, 17.0622, -12.6209.

-12.6209.

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

219.3910, 17.0622, -12.6209

Protanopia

220.3810, 15.5882, -6.4731

Deuteranopia

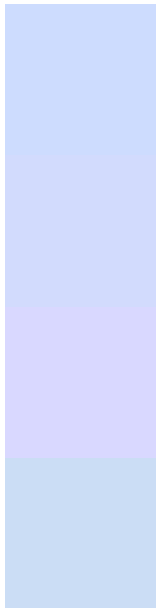
221.6640, 16.4346, 2.0487



Tritanopia

218.0720, 10.8105, -14.0951

Trichromacy



Original Color

219.3910, 17.0622, -12.6209

Protanomaly

220.1850, 16.1778, -8.9322

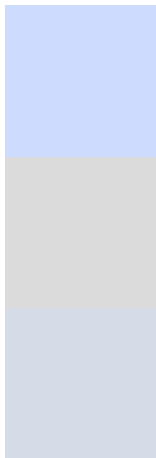
Deuteranomaly

220.7450, 16.8877, -3.2844

Tritanomaly

218.3540, 13.1365, -13.4655

Monochromacy



Original Color

219.3910, 17.0622, -12.6209

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

218.9870, 6.4154, -4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.3910, 17.0622, -12.6209 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(205, 220, 254)` looks like.

```
.text, #text, p{  
    color:rgb(205, 220, 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(205, 220, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 220, 254) }
```

Border

The CSS property to change the border of an element to YUV 219.3910, 17.0622, -12.6209 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(205, 220, 254) }
```


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

```
.border{ border-color:rgb(205, 220, 254) }
```

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

Here you see how a box with a 4 pixel rgb(205, 220, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 220, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 220, 254);  
box-shadow:4px 4px 4px 4px rgb(205, 220,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 219.3910, 17.0622, -12.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 220, 254) }
```

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

```
.background{ background-color: rgb(205,  
220, 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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