

Converting Colors

YUV(209.9710, 20.7203,
-19.2686)

Have a look what the booklet for
YUV(209.9710, 20.7203, -19.2686)
contains.

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Color

**YUV(209.9710, 20.7203,
-19.2686)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD5FC
RGB	188, 213, 252
RGB Percent	74%, 84%, 99%
CMY	0.2627, 0.1647, 0.0118
CMYK	0.25, 0.15, 0.00, 0.01
HSL	217°, 91%, 86%
HSV	217°, 25%, 99%
XYZ	62.1040, 65.3081, 101.4280
YIQ	209.9710, -27.4190, 6.8290

Conversions

Conversions Part 2

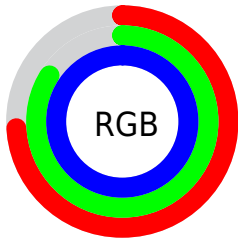
Format	Color
R _Y B	188, 206, 252
Decimal	12375548
CIE Lab	84.64, 0.07, -21.81
CIE LCh	85, 21.806, 270.187
Yxy	65.3081, 0.2714, 0.2854
Android (android.graphics.Color)	4290565628 (0xFFBCD5FC)
YUV	209.9710, 20.7203, -19.2686
Hunter-Lab	80.8135, -4.2489, -17.8447

Details

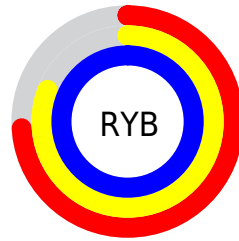
The YUV color $209.9710, 20.7203, -19.2686$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $230.0290, -20.7203, 19.2686$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $155.0420, 19.6993, -18.4538$ is the 20% darker color. If you saturate the color by 10%, you get $193.6910, 28.7463, -26.9160$, and if you desaturate by 10%, it is $226.2510, 12.6943, -11.6211$.

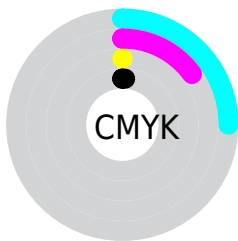
Distribution



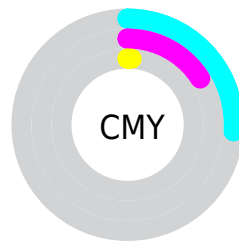
- Red (74%)
- Green (84%)
- Blue (99%)



- Red (74%)
- Yellow (81%)
- Blue (99%)



- Cyan (25%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (26%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.9710, 20.7203, -19.2686 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 209.9710, 20.7203, -19.2686 by changing the saturation by 10% instead.

■ 209.9710, 20.7203,
-19.2686

■ 209.9710, 20.7203,
-19.2686

255.0000, 0.0000,
0.0000

■ 181.8570, 20.2835,
-19.1686

■ 252.0100, 1.4741,
-6.1478

■ 155.0420, 19.6993,
-18.4538

■ 128.6290, 19.4099,
-18.9686

■ 103.5150, 18.9731,
-18.8687

■ 78.9880, 18.2469,
-19.2835

■ 54.8630, 17.8155,
-20.9279

■ 30.9440, 18.2686,

-26.2609

■ 15.6960, 14.4469,
-13.7654

■ 3.3230, 10.1938,
-2.9143

■ 209.9710, 20.7203,
-19.2686

■ 209.9710, 20.7203,
-19.2686

■ 193.6910, 28.7463,
-26.9160

■ 226.2510, 12.6943,
-11.6211

■ 176.8240, 37.0618,
-34.0486

■ 243.1180, 4.3788,
-4.4885

■ 160.2450, 45.2352,
-42.3109

■ 254.6580, -1.3104,
0.2999

■ 143.9650, 53.2613,
-49.9583

■ 127.0980, 61.5767,
-57.0909

■ 110.8180, 69.6027,
-64.7384

■ 94.5380, 77.6288,
-72.3858

■ 86.2540, 81.7128,
-75.6448

Harmonies

Analogous

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



205.9320, 19.7535, -35.8974



209.9710, 20.7203, -19.2686



213.3650, 16.5821, 1.4339

Triad

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



209.9710, 20.7203, -19.2686



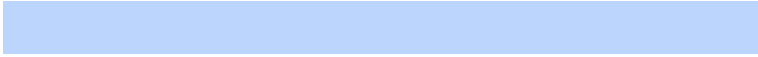
213.9460, -11.3124, 35.1274



205.5060, -7.6445, -21.4918

Complementary

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



209.9710, 20.7203, -19.2686



230.0290, -20.7203, 19.2686

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.



208.0370, -16.2872, -2.6634



209.9710, 20.7203, -19.2686



212.4800, -17.9846, 28.5200

Square

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



209.9710, 20.7203, -19.2686



215.1550, -1.5554, 32.3131



210.5230, -19.9778, 14.4503



203.6920, 3.6028, -35.6869

Rectangle

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



209.9710, 20.7203, -19.2686



214.7750, 11.4499, 14.2293



210.5230, -19.9778, 14.4503



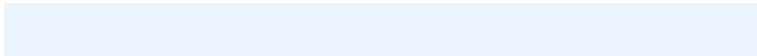
206.6270, -11.1551, -15.4589

Sweetspot

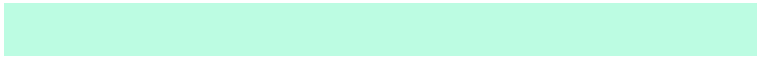
The Sweet Spot groups the original color and five complimentary colors.



209.9710, 20.7203, -19.2686



241.9760, 6.4208, -6.1180



229.9000, -1.9227, -36.7463



119.4170, 4.2314, -3.8737



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.



209.9710, 20.7203, -19.2686



204.6870, 24.8043, -22.5275



197.0900, 27.0706, -2.7099



116.4170, 4.2314, -3.8737



64.9840, 61.1399, -56.9910



21.0420, 19.6993, -18.4538

Inverse Universe

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



209.9860, 1.4859, 36.8463



205.0300, 1.4642, 43.8237



242.9100, -27.0706, 2.7099



116.4570, 0.2677, 7.4922



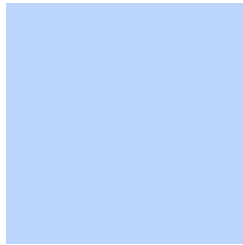
64.9470, 4.4631, 108.7945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 209.9710, 20.7203, -19.2686 looks on a white background.

Color Contrast Check

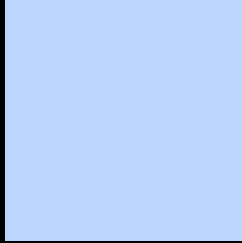
Large Text (above 18pt) WCAG AA × Fail

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 209.9710, 20.7203, -19.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

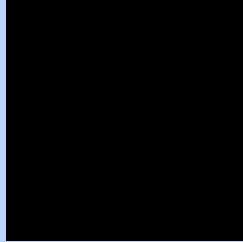
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 209.9710, 20.7203, -19.2686

Background



This preview shows how black text looks on a background with the YUV color 209.9710, 20.7203, -19.2686.



This preview shows how white text looks on a background with the YUV color 209.9710, 20.7203, -19.2686.

-19.2686.

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

209.9710, 20.7203, -19.2686

Protanopia

211.7660, 18.3564, -7.6878

Deuteranopia

212.5540, 19.9399, -2.2399



Tritanopia

208.3700, 12.1426, -21.3725

Trichromacy



Original Color

209.9710, 20.7203, -19.2686

Protanomaly

210.9720, 19.2408, -11.3764

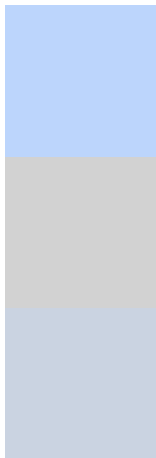
Deuteranomaly

211.9230, 20.2510, -8.7025

Tritanomaly

208.8800, 15.3422, -20.9428

Monochromacy



Original Color

209.9710, 20.7203, -19.2686

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.9710, 20.7203, -19.2686 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(188, 213, 252)` looks like.

```
.text, #text, p{  
    color:rgb(188, 213, 252)  
}
```

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(188, 213, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 213, 252) }
```

Border

The CSS property to change the border of an element to YUV 209.9710, 20.7203, -19.2686 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(188, 213, 252) }
```


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

```
.border{ border-color:rgb(188, 213, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 213, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 213, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 213, 252);  
box-shadow:4px 4px 4px 4px rgb(188, 213,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 209.9710, 20.7203, -19.2686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 213, 252) }
```

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

```
.background{ background-color: rgb(188,  
213, 252) }
```

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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