

Converting Colors

YUV(209.6780, 18.3997,
-21.6426)

Have a look what the booklet for
YUV(209.6780, 18.3997, -21.6426)
contains.

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Color

**YUV(209.6780, 18.3997,
-21.6426)**

Conversions

Conversions Part 1

Format	Color
Hex	B9D7F7
RGB	185, 215, 247
RGB Percent	73%, 84%, 97%
CMY	0.2745, 0.1569, 0.0314
CMYK	0.25, 0.13, 0.00, 0.03
HSL	211°, 79%, 85%
HSV	211°, 25%, 97%
XYZ	61.0965, 65.6306, 97.4435
YIQ	209.6780, -28.1520, 3.5920

Conversions

Conversions Part 2

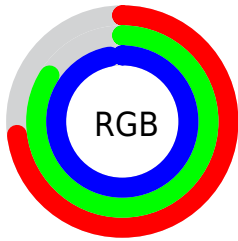
Format	Color
R _{YB}	185, 205, 247
Decimal	12179447
CIE _{Lab}	84.81, -3.00, -18.93
CIE _{LCh}	85, 19.165, 260.993
Yxy	65.6306, 0.2725, 0.2928
Android (android.graphics.Color)	4290369527 (0xFFB9D7F7)
YUV	209.6780, 18.3997, -21.6426
Hunter-Lab	81.0127, -7.1547, -14.6062

Details

The YUV color $209.6780, 18.3997, -21.6426$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $222.3220, -18.3997, 21.6426$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, 1.9163, -7.9921$, and $154.8630, 17.8155, -20.9279$ is the 20% darker color. If you saturate the color by 10%, you get $194.5720, 25.8470, -30.3196$, and if you desaturate by 10%, it is $224.7840, 10.9525, -12.9656$.

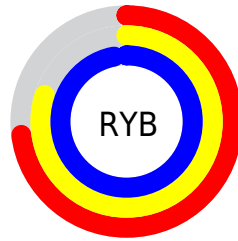
Distribution



Red (73%)

Green (84%)

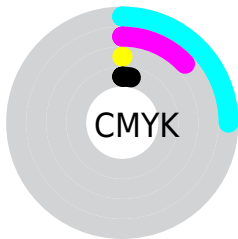
Blue (97%)



Red (73%)

Yellow (80%)

Blue (97%)

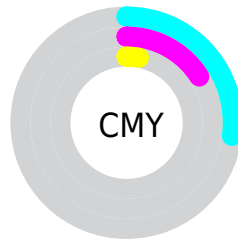


Cyan (25%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (27%)

Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.6780, 18.3997, -21.6426 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 209.6780, 18.3997, -21.6426 by changing the saturation by 10% instead.

■ 209.6780, 18.3997,
-21.6426

■ 209.6780, 18.3997,
-21.6426

255.0000, 0.0000,
0.0000

■ 181.8630, 17.8155,
-20.9279

■ 251.1130, 1.9163,
-7.9921

■ 154.8630, 17.8155,
-20.9279

■ 128.6350, 16.9419,
-20.7279

■ 103.2220, 16.6526,
-21.2427

■ 78.8090, 16.3632,
-21.7575

■ 54.9830, 15.7844,
-22.7871

■ 30.7760, 16.3794,

-26.9906

■ 15.9410, 12.8471,
-13.9803

■ 2.9810, 8.8834,
-2.6143

■ 209.6780, 18.3997,
-21.6426

■ 209.6780, 18.3997,
-21.6426

■ 194.5720, 25.8470,
-30.3196

■ 224.7840, 10.9525,
-12.9656

■ 180.3520, 32.8575,
-38.8967

■ 239.0040, 3.9420,
-4.3885

■ 165.2460, 40.3047,
-47.5737

■ 252.9140, -2.9156,
1.8294

■ 150.1400, 47.7520,
-56.2508

■ 254.0880, -3.4944,
0.7998

■ 135.0340, 55.1992,
-64.9278

■ 120.8140, 62.2097,
-73.5049

■ 105.7080, 69.6570,
-82.1819

■ 98.5980, 73.1622,
-86.4704

Harmonies

Analogous

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



206.6180, 15.9643, -33.8680



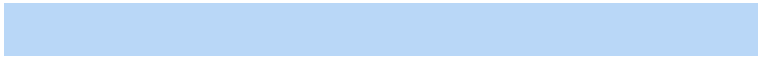
209.6780, 18.3997, -21.6426



212.8050, 15.8721, -4.2140

Triad

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



209.6780, 18.3997, -21.6426



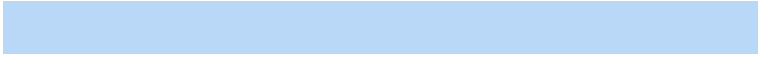
214.9500, -7.3703, 30.7389



207.5070, -9.1240, -13.5996

Complementary

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



209.6780, 18.3997, -21.6426



222.3220, -18.3997, 21.6426

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.



209.8850, -15.7193, 1.8549



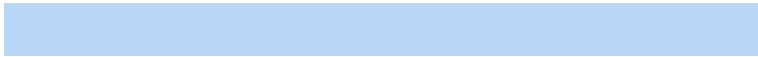
209.6780, 18.3997, -21.6426



213.3920, -14.4903, 27.7202

Square

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



209.6780, 18.3997, -21.6426



215.5070, 1.2290, 25.8654



211.8160, -17.6573, 16.8244



205.7100, -0.3500, -27.8097

Rectangle

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



209.6780, 18.3997, -21.6426



214.2580, 12.1978, 7.6667



211.8160, -17.6573, 16.8244



208.1440, -11.9030, -8.8963

Sweetspot

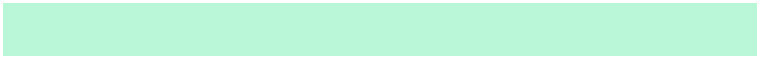
The Sweet Spot groups the original color and five complimentary colors.



209.6780, 18.3997, -21.6426



242.5630, 6.1314, -6.6328



224.9280, -4.4015, -35.0169



120.0040, 3.9420, -4.3885



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.



209.6780, 18.3997, -21.6426



209.3830, 22.4892, -26.6459



192.0680, 27.0815, -6.1986



114.8900, 3.5052, -4.2885



74.0340, 55.1992, -64.9278



23.1620, 17.6681, -20.3131

Inverse Universe

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



206.9580, 3.9647, 35.1168



205.9420, 4.9586, 43.0239



239.9320, -27.0815, 6.1986



114.2720, 0.8519, 6.7775



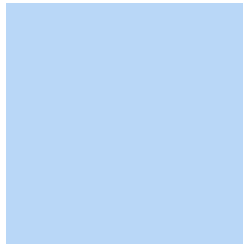
65.8740, 11.8941, 105.3505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 209.6780, 18.3997, -21.6426 looks on a white background.

Color Contrast Check

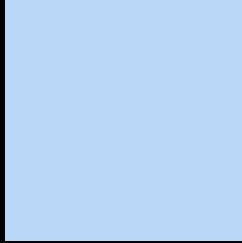
Large Text (above 18pt) WCAG AA × Fail

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 209.6780, 18.3997, -21.6426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

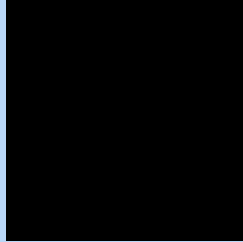
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

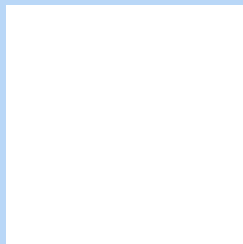
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 209.6780, 18.3997, -21.6426

Background



This preview shows how black text looks on a background with the YUV color 209.6780, 18.3997, -21.6426.



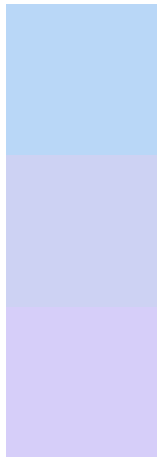
This preview shows how white text looks on a background with the YUV color 209.6780, 18.3997, -21.6426.

-21.6426.

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

209.6780, 18.3997, -21.6426

Protanopia

212.2670, 15.1514, -6.3732

Deuteranopia

213.2940, 17.6031, 0.6192



Tritanopia

208.4730, 12.5848, -23.2168

Trichromacy



Original Color

209.6780, 18.3997, -21.6426

Protanomaly

211.4620, 16.0412, -11.8062

Deuteranomaly

211.6520, 17.9196, -7.5878

Tritanomaly

208.7550, 14.9108, -22.5871

Monochromacy



Original Color

209.6780, 18.3997, -21.6426

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

209.9650, 6.4263, -7.8623

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.6780, 18.3997, -21.6426 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(185, 215, 247)` looks like.

```
.text, #text, p{  
    color:rgb(185, 215, 247)  
}
```

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(185, 215, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 215, 247) }
```

Border

The CSS property to change the border of an element to YUV 209.6780, 18.3997, -21.6426 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(185, 215, 247) }
```


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

```
.border{ border-color:rgb(185, 215, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 215, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 215, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 215, 247); box-shadow:4px 4px 4px 4px rgb(185, 215, 247) }
```

Background

The CSS property to change the background color of an element to YUV 209.6780, 18.3997, -21.6426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 215, 247) }
```

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

```
.background{ background-color: rgb(185,  
215, 247) }
```

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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