

Converting Colors

YUV(211.6610, 20.8731,
-21.6277)

Have a look what the booklet for
YUV(211.6610, 20.8731, -21.6277)
contains.

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Color

**YUV(211.6610, 20.8731,
-21.6277)**

Conversions

Conversions Part 1	
Format	Color
Hex	BBD8FE
RGB	187, 216, 254
RGB Percent	73%, 85%, 100%
CMY	0.2667, 0.1529, 0.0039
CMYK	0.26, 0.15, 0.00, 0.00
HSL	214°, 97%, 86%
HSV	214°, 26%, 100%
XYZ	62.9388, 66.8323, 103.3486
YIQ	211.6610, -29.4820, 5.6700

Conversions

Conversions Part 2

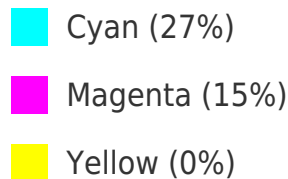
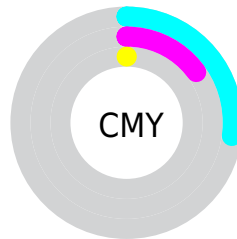
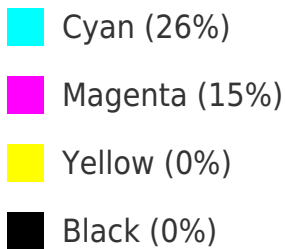
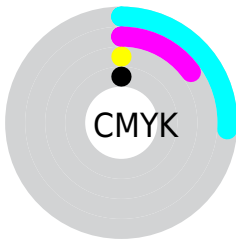
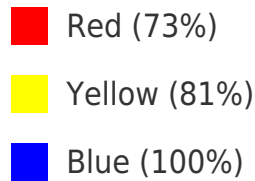
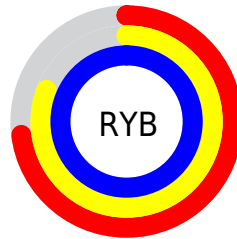
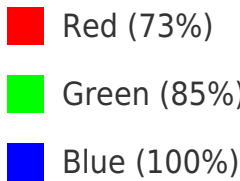
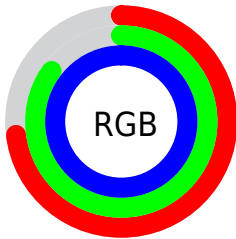
Format	Color
RYB	187, 207, 254
Decimal	12310782
CIELab	85.42, -1.34, -21.69
CIELCh	85, 21.733, 266.459
Yxy	66.8323, 0.2700, 0.2867
Android (android.graphics.Color)	4290500862 (0xFFBBD8FE)
YUV	211.6610, 20.8731, -21.6277
Hunter-Lab	81.7510, -5.6400, -17.7280

Details

The YUV color **211.6610, 20.8731, -21.6277** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **229.3390, -20.8731, 21.6277**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.7110, 1.6215, -6.7625**, and **156.4330, 19.9995, -21.4277** is the 20% darker color. If you saturate the color by 10%, you get **195.9680, 28.6098, -29.7899**, and if you desaturate by 10%, it is **227.3540, 13.1365, -13.4655**.


Distribution




Brightness & Saturation Gradients


These gradients show how the YUV color 211.6610, 20.8731, -21.6277 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 211.6610, 20.8731, -21.6277 by changing the saturation by 10% instead.


 211.6610, 20.8731,
-21.6277


 211.6610, 20.8731,
-21.6277


255.0000, 0.0000,
0.0000


 183.5470, 20.4363,
-21.5277


 251.7110, 1.6215,
-6.7625

 156.4330, 19.9995,
-21.4277

 130.3190, 19.5627,
-21.3278

 104.7920, 18.8365,
-21.7426

 80.3790, 18.5472,
-22.2574

 56.2540, 18.1158,
-23.9018

 31.9330, 18.2740,

-28.0052

■ 17.0980, 14.7417,
-14.9949

■ 3.5510, 11.0674,
-3.1142

■ 211.6610, 20.8731,
-21.6277

■ 211.6610, 20.8731,
-21.6277

■ 195.9680, 28.6098,
-29.7899

■ 227.3540, 13.1365,
-13.4655

■ 179.3890, 36.7832,
-38.0522

■ 243.9330, 4.9630,
-5.2032

■ 163.6960, 44.5199,
-46.2144

254.8860, -0.4368,
0.1000

■ 147.1170, 52.6933,
-54.4766

■ 131.4240, 60.4300,
-62.6388

■ 115.7310, 68.1666,
-70.8011

■ 99.1520, 76.3401,
-79.0633

■ 93.5260, 79.1137,
-82.0223

Harmonies

Analogous

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



207.8070, 19.3221, -37.5417



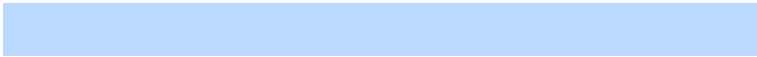
211.6610, 20.8731, -21.6277



215.1690, 17.1717, -1.0252

Triad

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



211.6610, 20.8731, -21.6277



215.9890, -9.8546, 34.2126



208.1750, -8.9603, -19.4475

Complementary

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



211.6610, 20.8731, -21.6277



229.3390, -20.8731, 21.6277

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.



210.8200, -17.1663, -0.7191



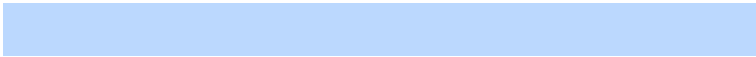
211.6610, 20.8731, -21.6277



215.3060, -17.4059, 29.5496

Square

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



211.6610, 20.8731, -21.6277



217.1980, -0.0976, 31.3984



212.9470, -19.6939, 16.7095



205.9480, 1.9976, -34.1574

Rectangle

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



211.6610, 20.8731, -21.6277



216.9920, 12.3289, 12.2850



212.9470, -19.6939, 16.7095



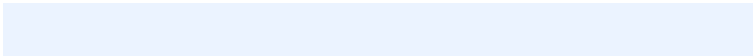
208.8230, -11.7447, -12.9998

Sweetspot

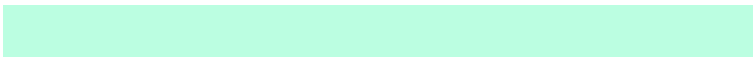
The Sweet Spot groups the original color and five complimentary colors.



211.6610, 20.8731, -21.6277



241.9760, 6.4208, -6.1180



230.6610, -2.7909, -38.2907



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.



211.6610, 20.8731, -21.6277



203.4800, 25.3994, -26.7310



195.8340, 28.6758, -4.2394



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130

Inverse Universe

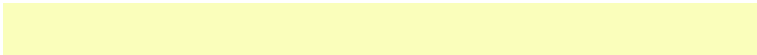
The Inverse Universe completely reimagines the original color for something new.



210.3390, 2.7909, 38.2907



201.6220, 3.6374, 46.8125



245.1660, -28.6758, 4.2394



119.4570, 0.2677, 7.4922



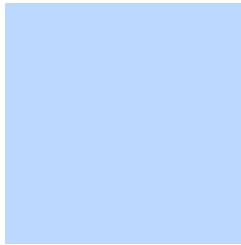
66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 211.6610, 20.8731, -21.6277 looks on a white background.

Color Contrast Check

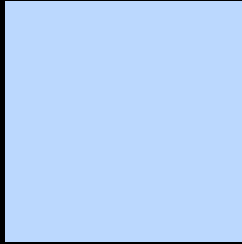
Large Text (above 18pt) WCAG AA × Fail

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 211.6610, 20.8731, -21.6277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

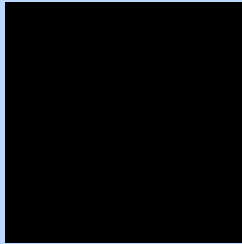
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

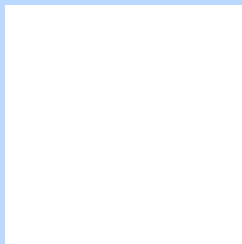
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 211.6610, 20.8731, -21.6277

Background



This preview shows how black text looks on a background with the YUV color 211.6610, 20.8731, -21.6277.



This preview shows how white text looks on a background with the YUV color 211.6610, 20.8731, -21.6277.

-21.6277.

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

211.6610, 20.8731, -21.6277

Protanopia

213.7660, 18.3564, -7.6878

Deuteranopia

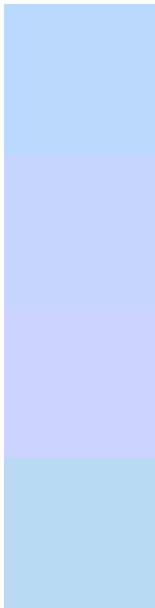
214.8530, 19.7925, -1.6251



Tritanopia

210.1740, 12.7322, -23.8316

Trichromacy



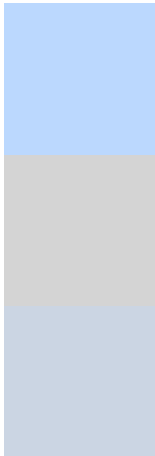
Original Color
211.6610, 20.8731, -21.6277

Protanomaly
212.9610, 19.2462, -13.1208

Deuteranomaly
213.9230, 20.2510, -8.7025

Tritanomaly
210.6840, 15.9318, -23.4019

Monochromacy



Original Color
211.6610, 20.8731, -21.6277

Achromatopsia
212.0000, 0.0000, 0.0000

Achromatomaly
211.6060, 7.5892, -7.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 211.6610, 20.8731, -21.6277 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(187, 216, 254)` looks like.

```
.text, #text, p{  
    color:rgb(187, 216, 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(187, 216, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 216, 254) }
```

Border

The CSS property to change the border of an element to YUV 211.6610, 20.8731, -21.6277 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(187, 216, 254) }
```


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

```
.border{ border-color:rgb(187, 216, 254) }
```

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

Here you see how a box with a 4 pixel rgb(187, 216, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 216, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 216, 254);  
box-shadow:4px 4px 4px 4px rgb(187, 216,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 211.6610, 20.8731, -21.6277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 216, 254) }
```

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

```
.background{ background-color: rgb(187,  
216, 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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