

Converting Colors

YUV(206.1220, 21.6319,
-31.6790)

Have a look what the booklet for
YUV(206.1220, 21.6319, -31.6790)
contains.

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Color

**YUV(206.1220, 21.6319,
-31.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD8FA
RGB	170, 216, 250
RGB Percent	67%, 85%, 98%
CMY	0.3333, 0.1529, 0.0196
CMYK	0.32, 0.14, 0.00, 0.02
HSL	206°, 89%, 82%
HSV	206°, 32%, 98%
XYZ	58.3887, 64.5599, 99.8264
YIQ	206.1220, -38.3300, 0.8220

Conversions

Conversions Part 2

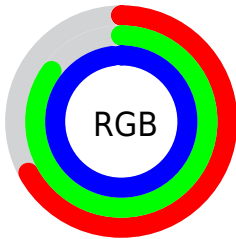
Format	Color
RYB	170, 199, 250
Decimal	11196666
CIELab	84.26, -7.10, -21.44
CIELCh	84, 22.582, 251.685
Yxy	64.5599, 0.2621, 0.2898
Android (android.graphics.Color)	4289386746 (0xFFAAD8FA)
YUV	206.1220, 21.6319, -31.6790
Hunter-Lab	80.3492, -10.8973, -17.4179

Details

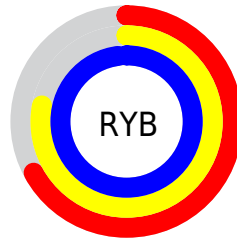
The YUV color $206.1220, 21.6319, -31.6790$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $213.8780, -21.6319, 31.6790$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6280, 4.1274, -17.2138$, and $150.8940, 20.7583, -31.4790$ is the 20% darker color. If you saturate the color by 10%, you get $192.1900, 28.5003, -41.3856$, and if you desaturate by 10%, it is $220.0540, 14.7634, -21.9724$.

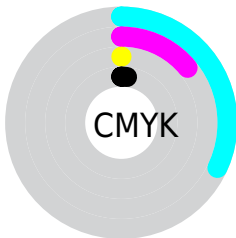
Distribution



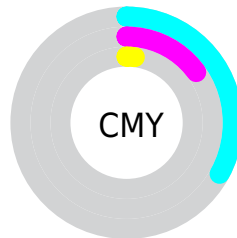
- Red (67%)
- Green (85%)
- Blue (98%)



- Red (67%)
- Yellow (78%)
- Blue (98%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.1220, 21.6319, -31.6790 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 206.1220, 21.6319, -31.6790 by changing the saturation by 10% instead.

■ 206.1220, 21.6319,
-31.6790

■ 206.1220, 21.6319,
-31.6790

255.0000, 0.0000,
0.0000

■ 178.0080, 21.1951,
-31.5790

■ 246.6280, 4.1274,
-17.2138

■ 150.8940, 20.7583,
-31.4790

■ 124.7800, 20.3215,
-31.3791

■ 99.0680, 20.1795,
-32.5086

■ 73.0570, 20.1849,
-34.2530

■ 46.6540, 21.3696,
-40.9156

■ 31.5910, 16.9636,

-27.7053

■ 16.7560, 13.4313,
-14.6950

■ 3.2090, 9.7570,
-2.8143

■ 206.1220, 21.6319,
-31.6790

■ 206.1220, 21.6319,
-31.6790

■ 192.1900, 28.5003,
-41.3856

■ 220.0540, 14.7634,
-21.9724

■ 178.8450, 35.0794,
-51.6071

■ 233.3990, 8.1843,
-11.7509

■ 164.9130, 41.9479,
-61.3137

■ 247.3310, 1.3158,
-2.0443

■ 151.5680, 48.5270,
-71.5351

■ 254.4300, -2.1840,
0.4999

■ 137.6360, 55.3955,
-81.2418

■ 123.7040, 62.2639,
-90.9484

■ 113.0280, 67.5272,
-99.1256

Harmonies

Analogous

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



202.9050, 17.3018, -42.8897



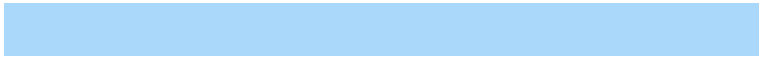
206.1220, 21.6319, -31.6790



210.3140, 20.5512, -11.6764

Triad

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



206.1220, 21.6319, -31.6790



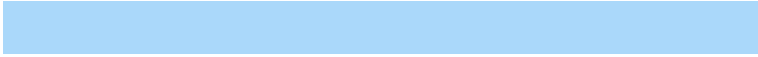
213.4390, -5.6394, 35.5720



206.2640, -13.9342, -10.7555

Complementary

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



206.1220, 21.6319, -31.6790



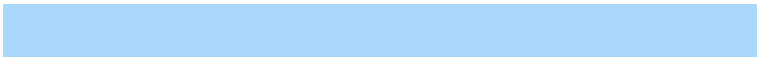
213.8780, -21.6319, 31.6790

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.



208.3050, -19.3774, 8.5025



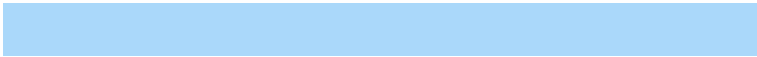
206.1220, 21.6319, -31.6790



212.4360, -14.5119, 34.6976

Square

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



206.1220, 21.6319, -31.6790



214.4300, 4.7180, 26.8099



210.5890, -20.0104, 24.9164



203.2000, -3.5496, -28.2394

Rectangle

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



206.1220, 21.6319, -31.6790



212.3760, 16.5766, 3.1782



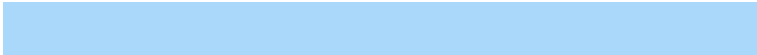
210.5890, -20.0104, 24.9164



207.0260, -16.2818, -4.4078

Sweetspot

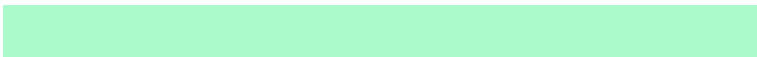
The Sweet Spot groups the original color and five complimentary colors.



206.1220, 21.6319, -31.6790



241.0680, 6.8685, -9.7066



220.7220, -8.7369, -44.4832



119.1070, 4.3842, -6.2328



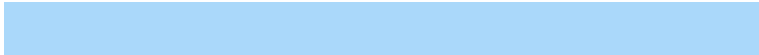
0.0000, 0.0000, 0.0000



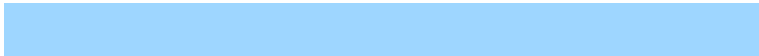
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.1220, 21.6319, -31.6790



201.9300, 26.1635, -38.5266



183.2290, 32.9181, -11.6018



118.1780, 3.3632, -5.4181



85.5290, 51.0112, -75.0089



27.4990, 16.5160, -24.1166

Inverse Universe

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



199.1640, 8.3001, 44.5832



193.3870, 10.1622, 54.0346



236.7710, -32.9181, 11.6018



116.7990, 1.5781, 7.1923



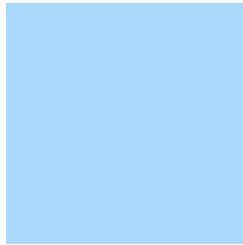
68.9370, 19.7511, 105.2953



22.2290, 6.2961, 34.0022

Previews

White Background



This preview shows how the YUV color 206.1220, 21.6319, -31.6790 looks on a white background.

Color Contrast Check

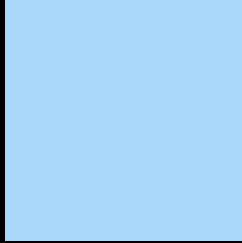
Large Text (above 18pt) WCAG AA × Fail

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 206.1220, 21.6319, -31.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

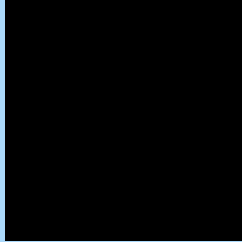
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 206.1220, 21.6319, -31.6790

Background



This preview shows how black text looks on a background with the YUV color 206.1220, 21.6319, -31.6790.



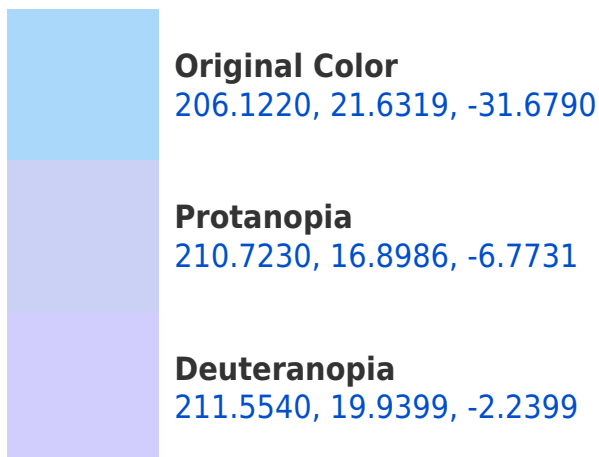
This preview shows how white text looks on a background with the YUV color 206.1220, 21.6319, -31.6790.

-31.6790.

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





Tritanopia

204.8030, 15.3801, -33.1532

Trichromacy



Original Color

206.1220, 21.6319, -31.6790

Protanomaly

209.1240, 18.6729, -15.8947

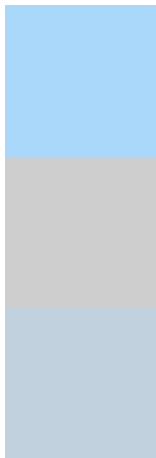
Deuteranomaly

209.6020, 20.4092, -12.8060

Tritanomaly

205.0850, 17.7061, -32.5235

Monochromacy



Original Color

206.1220, 21.6319, -31.6790

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

206.2850, 7.7475, -11.6509

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.1220, 21.6319, -31.6790 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(170, 216, 250)` looks like.

```
.text, #text, p{  
    color:rgb(170, 216, 250)  
}
```

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(170, 216, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 216, 250) }
```

Border

The CSS property to change the border of an element to YUV 206.1220, 21.6319, -31.6790 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(170, 216, 250) }
```


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

```
.border{ border-color:rgb(170, 216, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 216, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 216, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 216, 250);  
box-shadow:4px 4px 4px 4px rgb(170, 216,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 206.1220, 21.6319, -31.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 216, 250) }
```

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

```
.background{ background-color: rgb(170,  
216, 250) }
```

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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