

Converting Colors

YUV(220.8680, 16.8271,
-30.5792)

Have a look what the booklet for
YUV(220.8680, 16.8271, -30.5792)
contains.

YUV(220.8680, 16.8271, -30.5792)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(220.8680, 16.8271,
-30.5792)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE8FF
RGB	186, 232, 255
RGB Percent	73%, 91%, 100%
CMY	0.2706, 0.0902, 0.0000
CMYK	0.27, 0.09, 0.00, 0.00
HSL	200°, 100%, 86%
HSV	200°, 27%, 100%
XYZ	67.1563, 75.3723, 105.6165
YIQ	220.8680, -34.7990, -2.5990

Conversions

Conversions Part 2

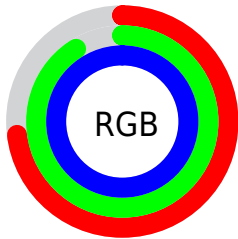
Format	Color
R _Y B	186, 214, 255
Decimal	12249343
CIE Lab	89.57, -9.70, -15.97
CIE LCh	90, 18.681, 238.731
Yxy	75.3723, 0.2706, 0.3037
Android (android.graphics.Color)	4290439423 (0xFFBAE8FF)
YUV	220.8680, 16.8271, -30.5792
Hunter-Lab	86.8172, -13.8539, -11.3565

Details

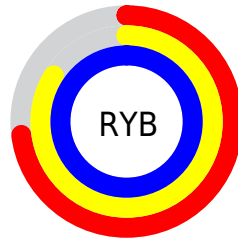
The YUV color $220.8680, 16.8271, -30.5792$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $220.1320, -16.8271, 30.5792$, and the grayscale version is $221.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, 1.7689, -7.3773$, and $165.0530, 16.2429, -29.8645$ is the 20% darker color. If you saturate the color by 10%, you get $208.6970, 22.8274, -41.8303$, and if you desaturate by 10%, it is $233.6260, 10.5374, -19.8430$.

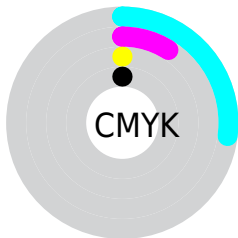
Distribution



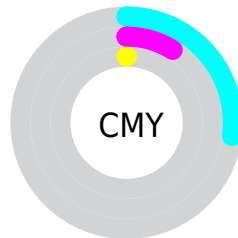
- Red (73%)
- Green (91%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.8680, 16.8271, -30.5792 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 220.8680, 16.8271, -30.5792 by changing the saturation by 10% instead.

■ 220.8680, 16.8271,
-30.5792

■ 220.8680, 16.8271,
-30.5792

255.0000, 0.0000,
0.0000

■ 192.7540, 16.3903,
-30.4793

■ 251.4120, 1.7689,
-7.3773

■ 165.0530, 16.2429,
-29.8645

■ 138.9390, 15.8061,
-29.7645

■ 112.8250, 15.3693,
-29.6645

■ 87.5260, 15.5167,
-30.2793

■ 62.2160, 15.6695,
-32.6384

■ 38.5040, 15.5275,

-33.7680

■ 23.6690, 11.9952,
-20.7577

■ 3.7790, 11.9410,
-3.3142

■ 220.8680, 16.8271,
-30.5792

■ 220.8680, 16.8271,
-30.5792

■ 208.6970, 22.8274,
-41.8303

■ 233.6260, 10.5374,
-19.8430

■ 195.6400, 29.2645,
-53.1813

■ 246.0960, 4.3897,
-7.9772

■ 182.5830, 35.7016,
-64.5323

■ 255.0000, 0.0000,
0.0000

■ 170.4120, 41.7019,
-75.7833

■ 157.3550, 48.1390,
-87.1343

■ 145.1840, 54.1393,
-98.3854

■ 132.4260, 60.4290,
-109.1216

■ 128.8600, 62.1870,
-113.0102

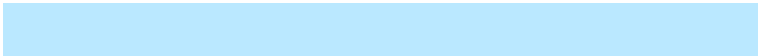
Harmonies

Analogous

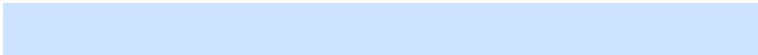
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.0540, 11.3124, -35.1274



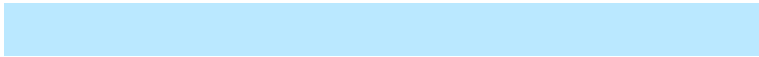
220.8680, 16.8271, -30.5792



223.6140, 15.4733, -16.3245

Triad

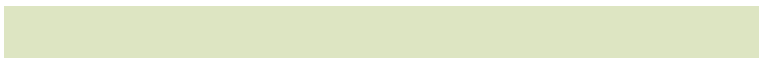
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.8680, 16.8271, -30.5792



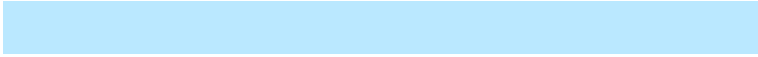
227.1540, -0.0759, 24.4209



222.6180, -14.1087, -1.4190

Complementary

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



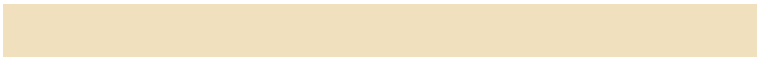
220.8680, 16.8271, -30.5792



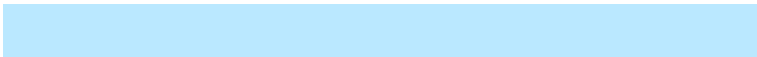
220.1320, -16.8271, 30.5792

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.



224.9080, -17.2096, 13.2357



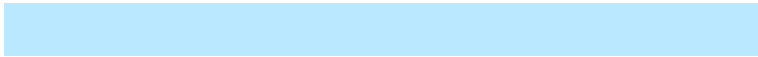
220.8680, 16.8271, -30.5792



225.6890, -8.2277, 25.7057

Square

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



220.8680, 16.8271, -30.5792



228.7600, 7.5133, 16.8735



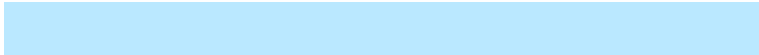
226.4410, -15.5004, 25.0462



220.6420, -7.2185, -18.1030

Rectangle

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



220.8680, 16.8271, -30.5792



225.7510, 14.4198, -5.0436



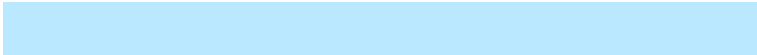
226.4410, -15.5004, 25.0462



222.8960, -15.7247, 3.5992

Sweetspot

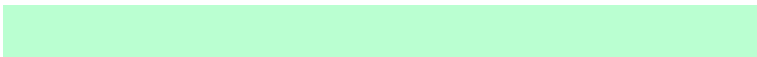
The Sweet Spot groups the original color and five complimentary colors.



220.8680, 16.8271, -30.5792



244.9110, 4.9739, -8.6919



229.1250, -9.9216, -37.8206



121.1780, 3.3632, -5.4181



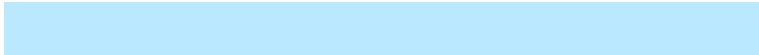
0.0000, 0.0000, 0.0000



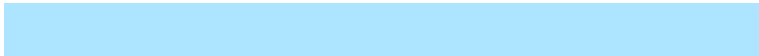
128.0000, 0.0000, 0.0000

Same Dimension

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



220.8680, 16.8271, -30.5792



214.6330, 19.9009, -36.5121



200.9100, 26.6664, -13.0761



121.1780, 3.3632, -5.4181



96.3230, 46.6758, -84.4753



31.9500, 15.8006, -28.0202

Inverse Universe

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



211.8750, 9.9216, 37.8206



203.7880, 11.9365, 44.9129



240.6770, -26.9558, 12.5613



119.7990, 1.5781, 7.1923



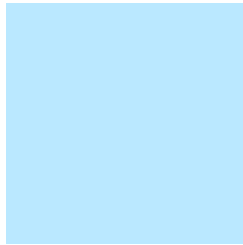
71.5870, 27.3186, 104.7252



23.9240, 8.9115, 35.1467

Previews

White Background



This preview shows how the YUV color 220.8680, 16.8271, -30.5792 looks on a white background.

Color Contrast Check

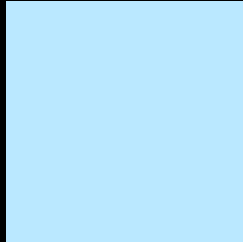
Large Text (above 18pt) WCAG AA × Fail

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 220.8680, 16.8271, -30.5792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

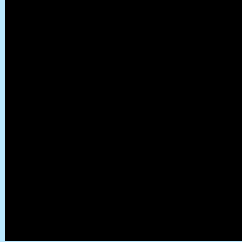
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 220.8680, 16.8271, -30.5792

Background



This preview shows how black text looks on a background with the YUV color 220.8680, 16.8271, -30.5792.



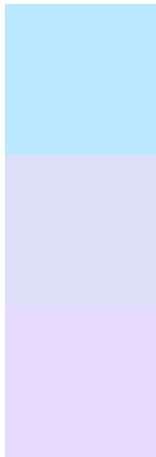
This preview shows how white text looks on a background with the YUV color 220.8680, 16.8271, -30.5792.

-30.5792.

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

220.8680, 16.8271, -30.5792

Protanopia

225.3660, 11.6516, -3.8290

Deuteranopia

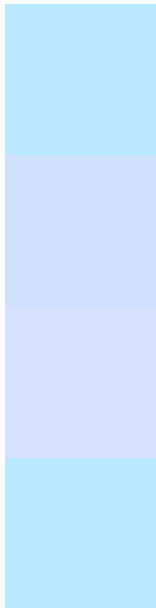
226.3930, 14.1033, 3.1633



Tritanopia

220.7000, 14.9379, -31.3089

Trichromacy



Original Color

220.8680, 16.8271, -30.5792

Protanomaly

223.4680, 13.5733, -13.5654

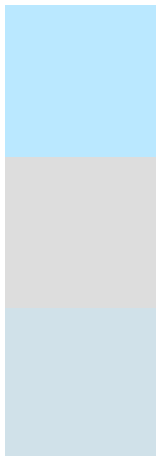
Deuteranomaly

224.5440, 15.0148, -9.2471

Tritanomaly

220.8140, 15.3747, -31.4089

Monochromacy



Original Color

220.8680, 16.8271, -30.5792

Achromatopsia

221.0000, 0.0000, 0.0000

Achromatomaly

220.8290, 6.0003, -11.2510

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.8680, 16.8271, -30.5792 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(186, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 232, 255)  
}
```

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(186, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 232, 255) }
```

Border

The CSS property to change the border of an element to YUV 220.8680, 16.8271, -30.5792 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(186, 232, 255) }
```


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

```
.border{ border-color:rgb(186, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 232,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 220.8680, 16.8271, -30.5792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 232, 255) }
```

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

```
.background{ background-color: rgb(186,  
232, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor