

Converting Colors

YUV(220.4670, 15.0528,
-21.4576)

Have a look what the booklet for
YUV(220.4670, 15.0528, -21.4576)
contains.

YUV(220.4670, 15.0528, -21.4576)	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(220.4670, 15.0528,
-21.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E3FB
RGB	196, 227, 251
RGB Percent	77%, 89%, 98%
CMY	0.2314, 0.1098, 0.0157
CMYK	0.22, 0.10, 0.00, 0.02
HSL	206°, 87%, 88%
HSV	206°, 22%, 98%
XYZ	67.6466, 73.6390, 101.9152
YIQ	220.4670, -26.1800, 0.8920

Conversions

Conversions Part 2

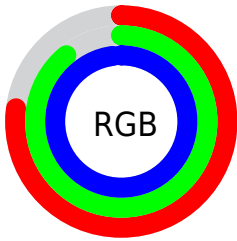
Format	Color
R _Y B	196, 216, 251
Decimal	12903419
CIE Lab	88.75, -5.10, -15.03
CIE LCh	89, 15.875, 251.261
Yxy	73.6390, 0.2782, 0.3028
Android (android.graphics.Color)	4291093499 (0xFFC4E3FB)
YUV	220.4670, 15.0528, -21.4576
Hunter-Lab	85.8132, -9.4612, -10.3460

Details

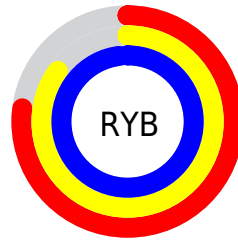
The YUV color $220.4670, 15.0528, -21.4576$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.5330, -15.0528, 21.4576$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $165.2390, 14.1792, -21.2576$ is the 20% darker color. If you saturate the color by 10%, you get $206.5350, 21.9212, -31.1642$, and if you desaturate by 10%, it is $234.3990, 8.1843, -11.7509$.

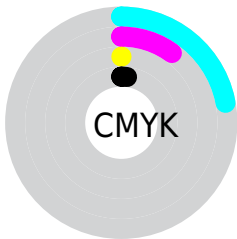
Distribution



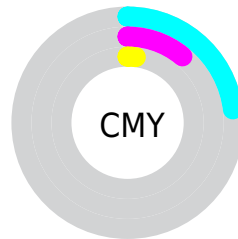
- Red (77%)
- Green (89%)
- Blue (98%)



- Red (77%)
- Yellow (85%)
- Blue (98%)



- Cyan (22%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (23%)
- Magenta (11%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 220.4670, 15.0528, -21.4576 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 220.4670, 15.0528, -21.4576 by changing the saturation by 10% instead.

■ 220.4670, 15.0528,
-21.4576

■ 220.4670, 15.0528,
-21.4576

255.0000, 0.0000,
0.0000

■ 192.3530, 14.6160,
-21.3576

254.4020, 0.2948,
-1.2296

■ 165.2390, 14.1792,
-21.2576

■ 138.5380, 14.0318,
-20.6428

■ 113.4240, 13.5950,
-20.5428

■ 88.3100, 13.1582,
-20.4429

■ 64.3100, 13.1582,
-20.4429

■ 40.8860, 12.8742,

-22.7020

■ 21.5660, 11.5530,
-18.9134

■ 3.4370, 10.6306,
-3.0142

■ 220.4670, 15.0528,
-21.4576

■ 220.4670, 15.0528,
-21.4576

■ 206.5350, 21.9212,
-31.1642

■ 234.3990, 8.1843,
-11.7509

■ 192.6030, 28.7897,
-40.8708

■ 248.3310, 1.3158,
-2.0443

■ 178.6710, 35.6582,
-50.5775

■ 254.5440, -1.7472,
0.3999

■ 164.7390, 42.5267,
-60.2841

■ 150.5080, 49.5426,
-70.6055

■ 136.5760, 56.4110,
-80.3122

■ 122.6440, 63.2795,
-90.0188

■ 111.3810, 68.8322,
-97.6811

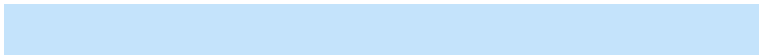
Harmonies

Analogous

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



217.9130, 11.8749, -28.8647



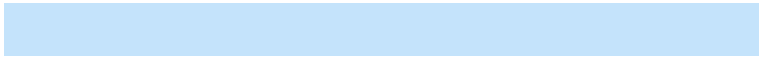
220.4670, 15.0528, -21.4576



223.0280, 14.2832, -7.9176

Triad

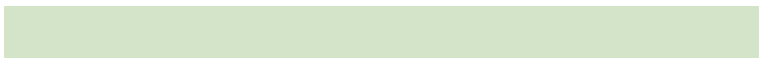
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.4670, 15.0528, -21.4576



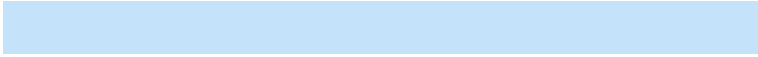
226.1280, -4.0071, 25.3207



220.0240, -9.8718, -7.0370

Complementary

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



220.4670, 15.0528, -21.4576



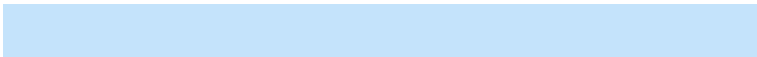
226.5330, -15.0528, 21.4576

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.



221.9610, -14.2778, 6.1732



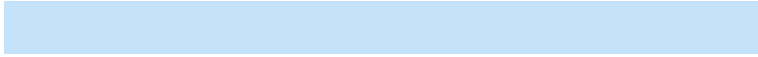
220.4670, 15.0528, -21.4576



224.4070, -10.5537, 25.0761

Square

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



220.4670, 15.0528, -21.4576



226.3320, 3.2873, 19.0028



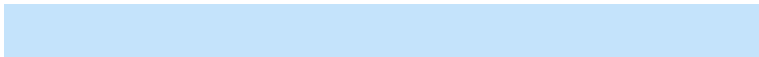
223.7390, -14.1683, 17.7689



218.4830, -2.7031, -19.7176

Rectangle

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



220.4670, 15.0528, -21.4576



224.8120, 11.9247, 1.9189



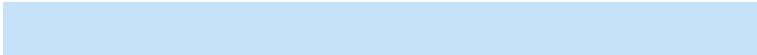
223.7390, -14.1683, 17.7689



220.8890, -11.7773, -2.5337

Sweetspot

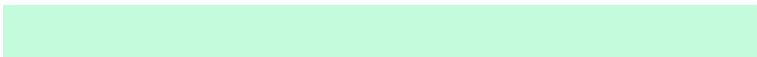
The Sweet Spot groups the original color and five complimentary colors.



220.4670, 15.0528, -21.4576



244.9220, 4.9685, -6.9476



231.0210, -5.4334, -30.7134



121.7760, 3.0684, -4.1886



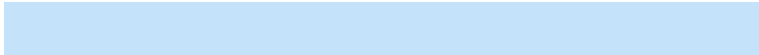
0.0000, 0.0000, 0.0000



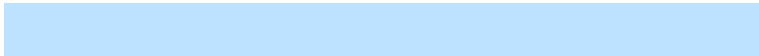
128.0000, 0.0000, 0.0000

Same Dimension

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



220.4670, 15.0528, -21.4576



218.2430, 18.1212, -25.6461



204.6180, 22.8663, -7.5580



117.5910, 3.6526, -4.9033



83.7680, 51.8794, -73.4645



26.9120, 16.8054, -23.6018

Inverse Universe

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



215.9790, 5.4334, 30.7134



212.9520, 6.4327, 36.8761



242.3820, -22.8663, 7.5580



116.6850, 1.1413, 7.2923



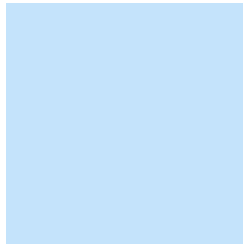
68.5950, 18.4407, 105.5952



22.1150, 5.8593, 34.1021

Previews

White Background



This preview shows how the YUV color 220.4670, 15.0528, -21.4576 looks on a white background.

Color Contrast Check

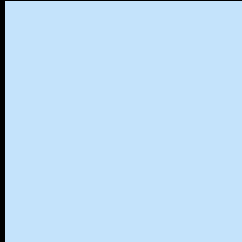
Large Text (above 18pt) WCAG AA × Fail

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 220.4670, 15.0528, -21.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

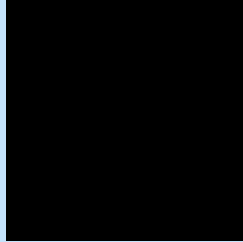
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

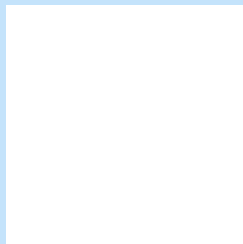
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 220.4670, 15.0528, -21.4576

Background



This preview shows how black text looks on a background with the YUV color 220.4670, 15.0528, -21.4576.



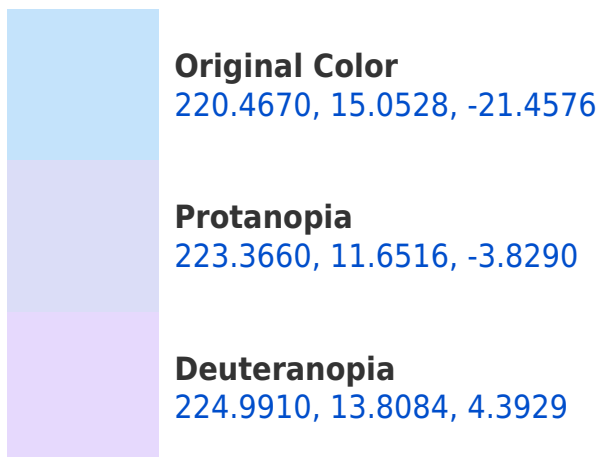
This preview shows how white text looks on a background with the YUV color 220.4670, 15.0528, -21.4576.

-21.4576.

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

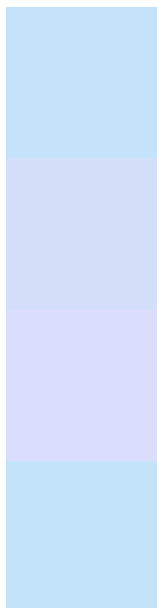




Tritanopia

220.1850, 12.7268, -22.0872

Trichromacy



Original Color

220.4670, 15.0528, -21.4576

Protanomaly

222.2620, 12.6888, -9.8768

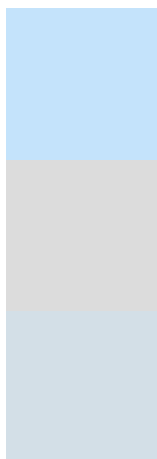
Deuteranomaly

223.6370, 13.9830, -4.9436

Tritanomaly

220.4130, 13.6004, -22.2872

Monochromacy



Original Color

220.4670, 15.0528, -21.4576

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

220.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 220.4670, 15.0528, -21.4576 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(196, 227, 251)` looks like.

```
.text, #text, p{  
    color:rgb(196, 227, 251)  
}
```

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(196, 227, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 227, 251) }
```

Border

The CSS property to change the border of an element to YUV 220.4670, 15.0528, -21.4576 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(196, 227, 251) }
```


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

```
.border{ border-color:rgb(196, 227, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 227, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 227, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 227, 251); box-shadow:4px 4px 4px 4px rgb(196, 227, 251) }
```

Background

The CSS property to change the background color of an element to YUV 220.4670, 15.0528, -21.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 227, 251) }
```

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

```
.background{ background-color: rgb(196,  
227, 251) }
```

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