

Converting Colors

YUV(225.7570, 5.0498,
-33.1129)

Have a look what the booklet for
YUV(225.7570, 5.0498, -33.1129)
contains.

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Color

**YUV(225.7570, 5.0498,
-33.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	BCF3EC
RGB	188, 243, 236
RGB Percent	74%, 95%, 93%
CMY	0.2627, 0.0471, 0.0745
CMYK	0.23, 0.00, 0.03, 0.05
HSL	172°, 70%, 85%
HSV	172°, 23%, 95%
XYZ	67.9300, 80.8487, 91.3819
YIQ	225.7570, -30.5330, -13.8370

Conversions

Conversions Part 2

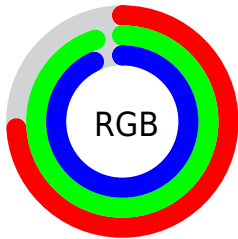
Format	Color
RYB	188, 217, 243
Decimal	12383212
CIELab	92.06, -18.76, -2.34
CIELCh	92, 18.901, 187.097
Yxy	80.8487, 0.2829, 0.3366
Android (android.graphics.Color)	4290573292 (0xFFBCF3EC)
YUV	225.7570, 5.0498, -33.1129
Hunter-Lab	89.9159, -22.4991, 2.6844

Details

The YUV color $225.7570, 5.0498, -33.1129$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $205.2430, -5.0498, 33.1129$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $252.0100, 1.4741, -6.1478$, and $170.0560, 4.9024, -32.4981$ is the 20% darker color. If you saturate the color by 10%, you get $218.2390, 7.2772, -47.5676$, and if you desaturate by 10%, it is $233.2750, 2.8224, -18.6582$.

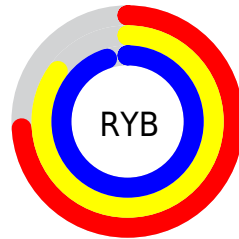
Distribution



Red (74%)

Green (95%)

Blue (93%)



Red (74%)

Yellow (85%)

Blue (95%)

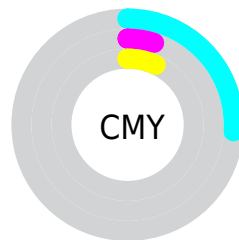


Cyan (23%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.7570, 5.0498, -33.1129 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 225.7570, 5.0498, -33.1129 by changing the saturation by 10% instead.

■ 225.7570, 5.0498,
-33.1129

■ 225.7570, 5.0498,
-33.1129

255.0000, 0.0000,
0.0000

■ 197.7570, 5.0498,
-33.1129

■ 252.0100, 1.4741,
-6.1478

■ 170.0560, 4.9024,
-32.4981

■ 143.3550, 4.7550,
-31.8833

■ 117.1810, 5.3338,
-30.8537

■ 91.8820, 5.4812,
-31.4685

■ 67.5830, 5.6286,
-32.0833

■ 41.6040, 7.0972,

-36.4867

■ 26.1820, 3.8543,
-22.9616

■ 9.7000, 1.6269,
-8.5069

■ 225.7570, 5.0498,
-33.1129

■ 225.7570, 5.0498,
-33.1129

■ 218.2390, 7.2772,
-47.5676

■ 233.2750, 2.8224,
-18.6582

■ 210.4220, 9.6520,
-62.6371

■ 241.0920, 0.4476,
-3.5887

■ 202.9040, 11.8793,
-77.0918

■ 246.8160, -0.8953,
7.1774

■ 195.3860, 14.1067,
-91.5465

■ 247.1580, 0.4151,
6.8774

■ 187.8680, 16.3341,
-106.0012

■ 247.5000, 1.7255,
6.5775

■ 179.9370, 18.2721,
-120.9707

■ 247.9560, 3.4727,
6.1776

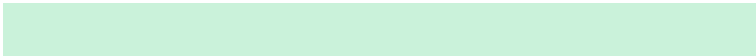
■ 172.4190, 20.4994,
-135.4255

■ 166.8090, 22.2792,
-146.2915

Harmonies

Analogous

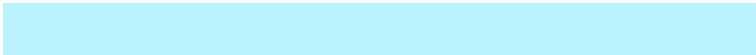
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.3040, -4.5869, -22.1916



225.7570, 5.0498, -33.1129



226.5100, 13.0596, -35.5273

Triad

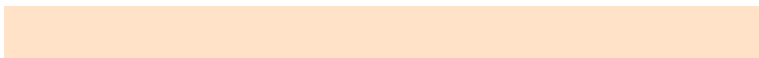
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



225.7570, 5.0498, -33.1129



233.7910, 10.4560, 6.3223



231.5930, -16.0683, 20.5279

Complementary

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



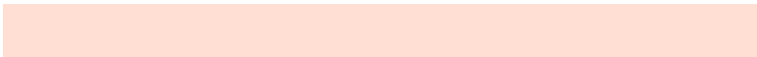
225.7570, 5.0498, -33.1129



205.2430, -5.0498, 33.1129

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.



230.6130, -9.6692, 21.3874



225.7570, 5.0498, -33.1129



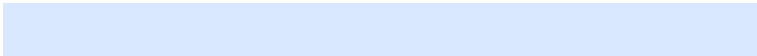
234.1300, 6.3449, 18.3030

Square

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



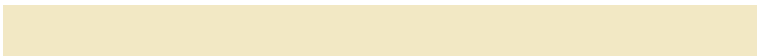
225.7570, 5.0498, -33.1129



230.4360, 12.1101, -10.9064



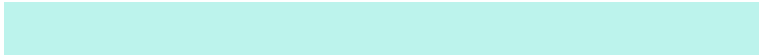
231.3770, -1.6649, 20.7174



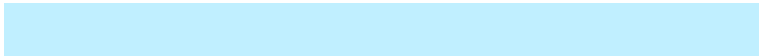
230.8860, -17.1988, 9.7470

Rectangle

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



225.7570, 5.0498, -33.1129



226.7710, 13.9169, -30.4942



231.3770, -1.6649, 20.7174



231.3480, -14.4686, 20.7428

Sweetspot

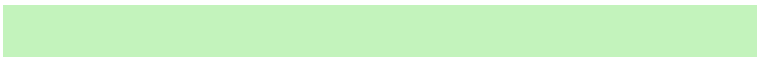
The Sweet Spot groups the original color and five complimentary colors.



225.7570, 5.0498, -33.1129



249.3900, 1.7797, -10.8660



222.3780, -16.9484, -24.0105



124.4830, 0.7479, -6.5626



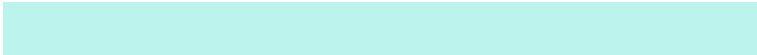
0.0000, 0.0000, 0.0000



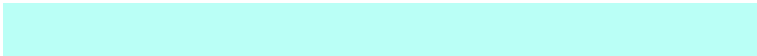
128.0000, 0.0000, 0.0000

Same Dimension

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



225.7570, 5.0498, -33.1129



233.3430, 6.2399, -41.5198



214.8150, 13.8952, -23.5168



118.2980, 1.3321, -7.2773



127.6500, 16.9346, -111.9490



40.4470, 5.2026, -35.4720

Inverse Universe

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



205.2430, -5.0498, 33.1129



207.6570, -6.2399, 41.5198



216.1850, -13.8952, 23.5168



113.8160, -0.8953, 7.1774



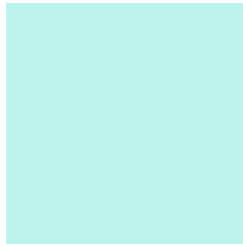
58.3500, -16.9345, 111.9490



18.4390, -5.6394, 35.5720

Previews

White Background



This preview shows how the YUV color 225.7570, 5.0498, -33.1129 looks on a white background.

Color Contrast Check

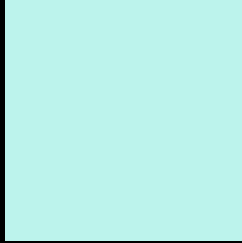
Large Text (above 18pt) WCAG AA × Fail

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 225.7570, 5.0498, -33.1129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

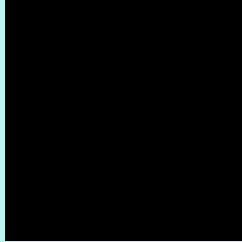
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

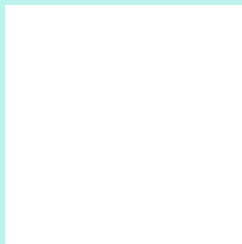
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 225.7570, 5.0498, -33.1129

Background



This preview shows how black text looks on a background with the YUV color 225.7570, 5.0498, -33.1129.



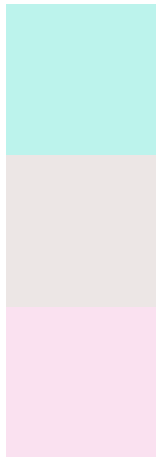
This preview shows how white text looks on a background with the YUV color 225.7570, 5.0498, -33.1129.

-33.1129.

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

225.7570, 5.0498, -33.1129

Protanopia

231.6800, -1.3212, 3.7886

Deuteranopia

234.1850, 2.8668, 13.8698



Tritanopia

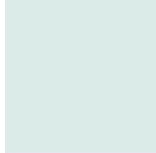
228.2770, 13.1744, -25.6759

Trichromacy



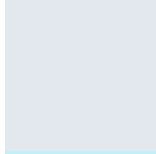
Original Color

225.7570, 5.0498, -33.1129



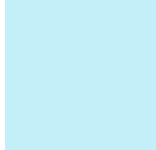
Protanomaly

229.8740, 1.0481, -9.5365



Deuteranomaly

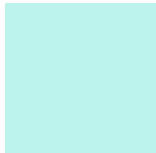
231.3030, 3.7946, -3.7737



Tritanomaly

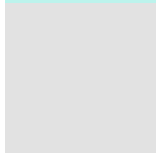
227.4570, 10.1277, -28.4648

Monochromacy



Original Color

225.7570, 5.0498, -33.1129



Achromatopsia

226.0000, 0.0000, 0.0000



Achromatomaly

225.7920, 2.0745, -12.0956

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.7570, 5.0498, -33.1129 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(188, 243, 236)` looks like.

```
.text, #text, p{  
    color:rgb(188, 243, 236)  
}
```

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(188, 243, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 243, 236) }
```

Border

The CSS property to change the border of an element to YUV 225.7570, 5.0498, -33.1129 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(188, 243, 236) }
```


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

```
.border{ border-color:rgb(188, 243, 236) }
```

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

Here you see how a box with a 4 pixel rgb(188, 243, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 243, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 243, 236);  
box-shadow:4px 4px 4px 4px rgb(188, 243,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 225.7570, 5.0498, -33.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 243, 236) }
```

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

```
.background{ background-color: rgb(188,  
243, 236) }
```

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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