

Converting Colors

YUV(218.2130, 6.7970,
-33.5128)

Have a look what the booklet for
YUV(218.2130, 6.7970, -33.5128)
contains.

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Color

**YUV(218.2130, 6.7970,
-33.5128)**

Conversions

Conversions Part 1

Format	Color
Hex	B4EBE8
RGB	180, 235, 232
RGB Percent	71%, 92%, 91%
CMY	0.2941, 0.0784, 0.0902
CMYK	0.23, 0.00, 0.01, 0.08
HSL	177°, 58%, 81%
HSV	177°, 23%, 92%
XYZ	63.0962, 74.9462, 87.4845
YIQ	218.2130, -31.8170, -12.5930

Conversions

Conversions Part 2

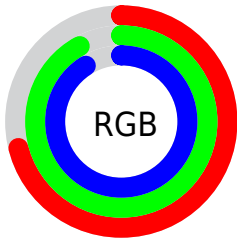
Format	Color
R_{YB}	180, 208, 235
Decimal	11856872
CIE _{Lab}	89.37, -18.00, -4.26
CIE _{LCh}	89, 18.497, 193.325
Yxy	74.9462, 0.2798, 0.3323
Android (android.graphics.Color)	4290046952 (0xFFB4EBE8)
YUV	218.2130, 6.7970, -33.5128
Hunter-Lab	86.5714, -21.4032, 0.6847

Details

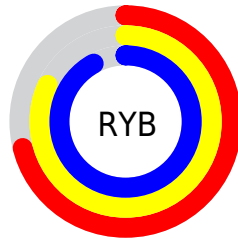
The YUV color **218.2130, 6.7970, -33.5128** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **196.7870, -6.7970, 33.5128**, and the grayscale version is **218.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6180, 2.6533, -11.0660**, and **162.8110, 6.5022, -32.2832** is the 20% darker color. If you saturate the color by 10%, you get **211.2220, 9.7506, -47.5527**, and if you desaturate by 10%, it is **225.5030, 3.6960, -18.8581**.

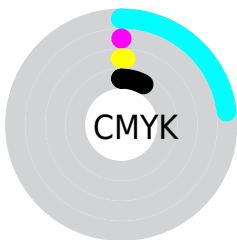
Distribution



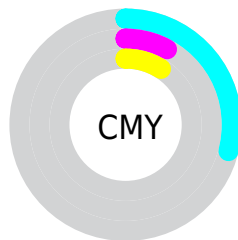
- Red (71%)
- Green (92%)
- Blue (91%)



- Red (71%)
- Yellow (82%)
- Blue (92%)



- Cyan (23%)
- Magenta (0%)
- Yellow (1%)
- Black (8%)



- Cyan (29%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.2130, 6.7970, -33.5128 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 218.2130, 6.7970, -33.5128 by changing the saturation by 10% instead.

■ 218.2130, 6.7970,
-33.5128

■ 218.2130, 6.7970,
-33.5128

255.0000, 0.0000,
0.0000

■ 190.5120, 6.6496,
-32.8980

■ 249.6180, 2.6533,
-11.0660

■ 162.8110, 6.5022,
-32.2832

■ 136.2240, 6.7916,
-31.7684

■ 110.2240, 6.7916,
-31.7684

■ 85.2240, 6.7916,
-31.7684

■ 60.3270, 7.2338,
-33.6128

■ 37.7400, 7.5232,

-33.0980

■ 23.0190, 4.4276,
-20.1877

■ 0.9120, 3.4944,
-0.7998

■ 218.2130, 6.7970,
-33.5128

■ 218.2130, 6.7970,
-33.5128

■ 211.2220, 9.7506,
-47.5527

■ 225.5030, 3.6960,
-18.8581

■ 203.8180, 12.4147,
-62.1074

■ 232.6080, 1.1793,
-4.9182

■ 196.8270, 15.3683,
-76.1473

■ 239.8980, -1.9217,
9.7365

■ 189.5370, 18.4693,
-90.8019

■ 241.2080, -2.0745,
12.0956

■ 182.5460, 21.4228,
-104.8418

■ 241.3220, -1.6377,
11.9956

■ 175.1420, 24.0870,
-119.3965

■ 241.5500, -0.7642,
11.7956

■ 168.1510, 27.0406,
-133.4364

■ 241.6640, -0.3274,
11.6957

■ 163.2530, 28.9623,
-143.1729

■ 241.7780, 0.1094,
11.5957

■ 242.0060, 0.9830,
11.3957

Harmonies

Analogous

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



219.1620, -2.5449, -23.8211



218.2130, 6.7970, -33.5128



218.8630, 14.3645, -34.0829

Triad

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



218.2130, 6.7970, -33.5128



227.6280, 11.0294, 9.0962



225.0660, -16.7945, 20.1131

Complementary

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



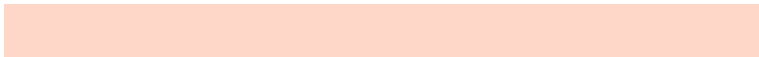
218.2130, 6.7970, -33.5128



196.7870, -6.7970, 33.5128

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.



225.3640, -12.0115, 25.9908



218.2130, 6.7970, -33.5128



227.7670, 3.5659, 23.0063

Square

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



218.2130, 6.7970, -33.5128



224.2560, 15.1568, -8.1175



225.4270, -4.1545, 25.9355



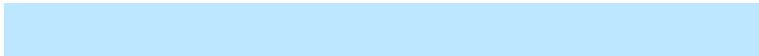
223.0920, -16.3144, 6.0583

Rectangle

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



218.2130, 6.7970, -33.5128



220.8790, 16.8217, -28.8349



225.4270, -4.1545, 25.9355



225.7290, -15.6424, 23.9167

Sweetspot

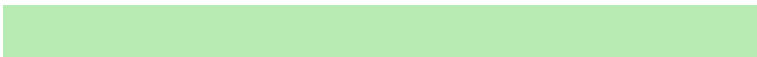
The Sweet Spot groups the original color and five complimentary colors.



218.2130, 6.7970, -33.5128



249.5040, 2.2165, -10.9660



213.4810, -16.5061, -25.8548



124.5970, 1.1847, -6.6626



0.0000, 0.0000, 0.0000



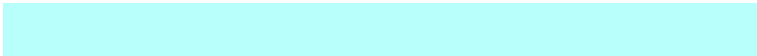
128.0000, 0.0000, 0.0000

Same Dimension

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



218.2130, 6.7970, -33.5128



233.3150, 8.7187, -43.2493



204.4670, 15.0528, -21.4576



113.7110, 1.6215, -6.7625



125.7410, 22.3127, -110.2749



37.5120, 6.6496, -32.8980

Inverse Universe

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



196.7870, -6.7970, 33.5128



205.5710, -9.1555, 43.3492



210.5330, -15.0528, 21.4576



109.2890, -1.6215, 6.7625



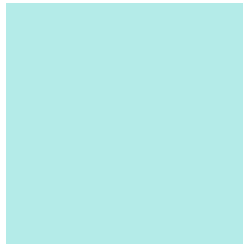
55.2590, -22.3127, 110.2749



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 218.2130, 6.7970, -33.5128 looks on a white background.

Color Contrast Check

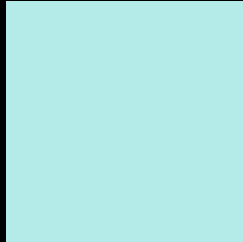
Large Text (above 18pt) WCAG AA × Fail

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 218.2130, 6.7970, -33.5128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

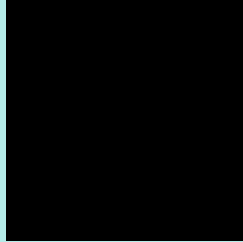
Any Text WCAG AA ✓ Pass

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 218.2130, 6.7970, -33.5128 Background



This preview shows how black text looks on a background with the YUV color 218.2130, 6.7970, -33.5128.



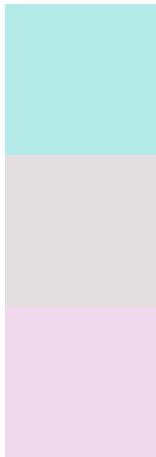
This preview shows how white text looks on a background with the YUV color 218.2130, 6.7970,

-33.5128.

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

218.2130, 6.7970, -33.5128

Protanopia

224.4240, 0.2840, 2.2592

Deuteranopia

226.0430, 4.9088, 12.2403



Tritanopia

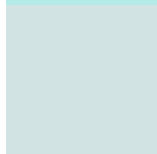
219.8140, 15.3747, -31.4089

Trichromacy



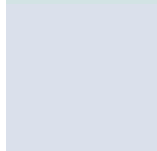
Original Color

218.2130, 6.7970, -33.5128



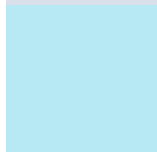
Protanomaly

222.0310, 2.9427, -10.5512



Deuteranomaly

223.4600, 5.6892, -4.7884



Tritanomaly

219.3040, 12.1751, -31.8386

Monochromacy



Original Color

218.2130, 6.7970, -33.5128



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.9060, 2.5113, -12.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.2130, 6.7970, -33.5128 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(180, 235, 232)` looks like.

```
.text, #text, p{  
    color:rgb(180, 235, 232)  
}
```

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(180, 235, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 235, 232) }
```

Border

The CSS property to change the border of an element to YUV 218.2130, 6.7970, -33.5128 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(180, 235, 232) }
```


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

```
.border{ border-color:rgb(180, 235, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 235, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 235, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 235, 232);  
box-shadow:4px 4px 4px 4px rgb(180, 235,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 218.2130, 6.7970, -33.5128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 235, 232) }
```

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

```
.background{ background-color: rgb(180,  
235, 232) }
```

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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