

Converting Colors

YUV(218.1930, 3.8489,
-21.2173)

Have a look what the booklet for
YUV(218.1930, 3.8489, -21.2173)
contains.

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Color

**YUV(218.1930, 3.8489,
-21.2173)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E5E2
RGB	194, 229, 226
RGB Percent	76%, 90%, 89%
CMY	0.2392, 0.1020, 0.1137
CMYK	0.15, 0.00, 0.01, 0.10
HSL	175°, 40%, 83%
HSV	175°, 15%, 90%
XYZ	63.9949, 72.9989, 82.6688
YIQ	218.1930, -19.8970, -8.3530

Conversions

Conversions Part 2

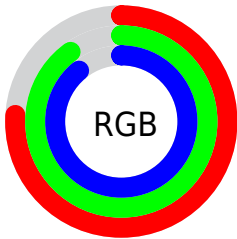
Format	Color
RYB	194, 212, 229
Decimal	12772834
CIELab	88.45, -11.97, -2.37
CIElCh	88, 12.203, 191.219
Yxy	72.9989, 0.2913, 0.3323
Android (android.graphics.Color)	4290962914 (0xFFC2E5E2)
YUV	218.1930, 3.8489, -21.2173
Hunter-Lab	85.4394, -15.8208, 2.4402

Details

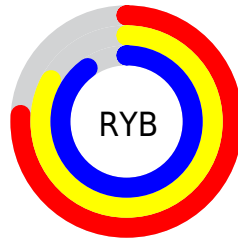
The YUV color $218.1930, 3.8489, -21.2173$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $204.8070, -3.8489, 21.2173$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $163.4920, 3.7014, -20.6025$ is the 20% darker color. If you saturate the color by 10%, you get $211.0880, 6.3656, -35.1572$, and if you desaturate by 10%, it is $225.2980, 1.3321, -7.2773$.

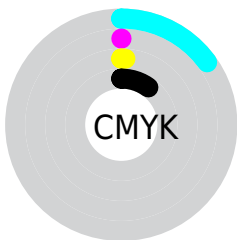
Distribution



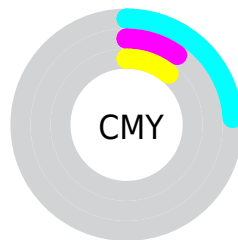
- Red (76%)
- Green (90%)
- Blue (89%)



- Red (76%)
- Yellow (83%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.1930, 3.8489, -21.2173 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 218.1930, 3.8489, -21.2173 by changing the saturation by 10% instead.

■ 218.1930, 3.8489,
-21.2173

■ 218.1930, 3.8489,
-21.2173

255.0000, 0.0000,
0.0000

■ 190.4920, 3.7014,
-20.6025

■ 253.8040, 0.5896,
-2.4591

■ 163.4920, 3.7014,
-20.6025

■ 136.7910, 3.5540,
-19.9877

■ 111.2040, 3.8434,
-19.4729

■ 86.5030, 3.6960,
-18.8581

■ 62.8020, 3.5486,
-18.2434

■ 40.5030, 3.6960,

-18.8581

■ 20.1010, 3.4012,
-17.6286

■ 0.0000, 0.0000,
0.0000

■ 218.1930, 3.8489,
-21.2173

■ 218.1930, 3.8489,
-21.2173

■ 211.0880, 6.3656,
-35.1572

■ 225.2980, 1.3321,
-7.2773

■ 203.9830, 8.8824,
-49.0971

■ 232.4030, -1.1847,
6.6626

■ 196.8780, 11.3991,
-63.0370

■ 237.1160, -2.5222,
15.6843

■ 189.7730, 13.9159,
-76.9769

■ 237.3440, -1.6486,
15.4843

■ 182.6680, 16.4327,
-90.9168

■ 237.5720, -0.7750,
15.2844

■ 175.8620, 18.8020,
-104.2420

■ 237.8000, 0.0986,
15.0844

■ 168.7570, 21.3188,
-118.1819

■ 238.0280, 0.9722,
14.8844

■ 161.6520, 23.8356,
-132.1218

■ 238.2560, 1.8458,
14.6845

■ 158.2490, 25.0202,
-138.7844

■ 238.4840, 2.7194,
14.4845

Harmonies

Analogous

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



218.3310, -2.1352, -15.1993



218.1930, 3.8489, -21.2173



218.8600, 8.9430, -21.8022

Triad

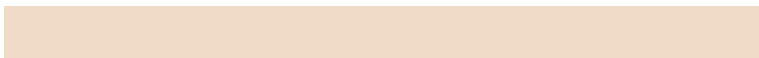
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.1930, 3.8489, -21.2173



223.9820, 7.4039, 5.2778



222.8140, -11.2473, 14.1951

Complementary

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



218.1930, 3.8489, -21.2173



204.8070, -3.8489, 21.2173

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.



223.9440, -8.3534, 19.3431



218.1930, 3.8489, -21.2173



224.4840, 2.7194, 14.4845

Square

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



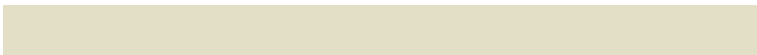
218.1930, 3.8489, -21.2173



221.9420, 11.3676, -6.0881



224.3230, -3.1172, 19.8877



221.4600, -11.0728, 4.8586

Rectangle

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



218.1930, 3.8489, -21.2173



219.7510, 10.9688, -18.1986



224.3230, -3.1172, 19.8877



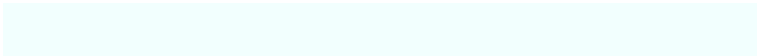
223.3520, -10.5265, 16.3543

Sweetspot

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



218.1930, 3.8489, -21.2173



250.9990, 1.4795, -7.8921



215.7410, -10.7183, -15.5589



125.4940, 0.7425, -4.8182



0.0000, 0.0000, 0.0000



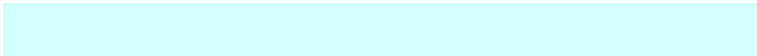
128.0000, 0.0000, 0.0000

Same Dimension

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



218.1930, 3.8489, -21.2173



240.7900, 5.0335, -27.8798



210.3170, 9.2107, -14.3100



111.2980, 1.3321, -7.2773



123.6550, 19.3971, -108.4454



35.2950, 5.7706, -30.9537

Inverse Universe

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



204.8070, -3.8489, 21.2173



223.2100, -5.0335, 27.8798



212.6830, -9.2107, 14.3100



106.7020, -1.3321, 7.2773



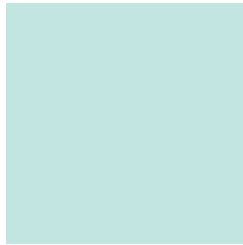
55.2310, -19.8339, 108.5454



15.7050, -5.7706, 30.9537

Previews

White Background



This preview shows how the YUV color 218.1930, 3.8489, -21.2173 looks on a white background.

Color Contrast Check

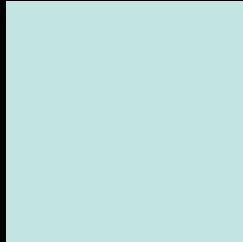
Large Text (above 18pt) WCAG AA × Fail

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 218.1930, 3.8489, -21.2173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

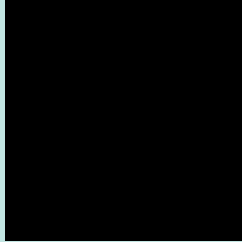
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

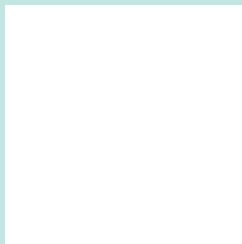
Any Text WCAG AAA ✓ Pass

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

YUV 218.1930, 3.8489, -21.2173 Background



This preview shows how black text looks on a background with the YUV color 218.1930, 3.8489, -21.2173.



This preview shows how white text looks on a background with the YUV color 218.1930, 3.8489,

-21.2173.

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

218.1930, 3.8489, -21.2173

Protanopia

221.6090, -0.3002, 2.9739

Deuteranopia

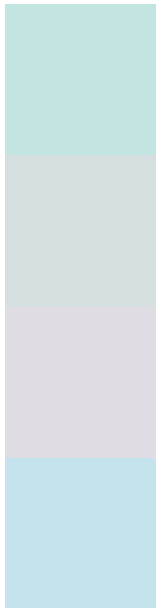
224.0710, 2.4300, 13.9697



Tritanopia

219.3810, 12.1372, -19.6281

Trichromacy



Original Color

218.1930, 3.8489, -21.2173

Protanomaly

220.3090, 1.3267, -5.5330

Deuteranomaly

221.8090, 3.0522, 1.0445

Tritanomaly

218.8710, 8.9376, -20.0579

Monochromacy



Original Color

218.1930, 3.8489, -21.2173

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.9990, 1.4795, -7.8921

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.1930, 3.8489, -21.2173 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(194, 229, 226)` looks like.

```
.text, #text, p{  
    color:rgb(194, 229, 226)  
}
```

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(194, 229, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 229, 226) }
```

Border

The CSS property to change the border of an element to YUV 218.1930, 3.8489, -21.2173 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(194, 229, 226) }
```


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

```
.border{ border-color:rgb(194, 229, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 229, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 229, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 229, 226); box-shadow:4px 4px 4px 4px rgb(194, 229, 226) }
```

Background

The CSS property to change the background color of an element to YUV 218.1930, 3.8489, -21.2173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 229, 226) }
```

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

```
.background{ background-color: rgb(194,  
229, 226) }
```

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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