

# Converting Colors

YUV(220.8030, -1.3819,  
-23.5062)

Have a look what the booklet for  
YUV(220.8030, -1.3819, -23.5062)  
contains.

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# Color

**YUV(220.8030, -1.3819,  
-23.5062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2EBDA
RGB	194, 235, 218
RGB Percent	76%, 92%, 85%
CMY	0.2392, 0.0784, 0.1451
CMYK	0.17, 0.00, 0.07, 0.08
HSL	155°, 51%, 84%
HSV	155°, 17%, 92%
XYZ	64.6114, 75.9480, 77.5837
YIQ	220.8030, -18.9790, -13.9790

# Conversions

## Conversions Part 2

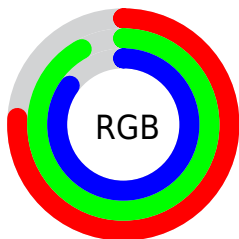
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 220, 235
Decimal	12774362
CIELab	89.84, -16.55, 3.84
CIELCh	90, 16.989, 166.939
Yxy	75.9480, 0.2962, 0.3482
Android (android.graphics.Color)	4290964442 (0xFFC2EBDA)
YUV	220.8030, -1.3819, -23.5062
Hunter-Lab	87.1481, -20.1699, 8.2207

# Details

The YUV color  $220.8030, -1.3819, -23.5062$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $208.1970, 1.3819, 23.5062$ , and the grayscale version is  $221.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8040, 0.5896, -2.4591$ , and  $165.5150, -1.2399, -22.3767$  is the 20% darker color. If you saturate the color by 10%, you get  $212.7860, -2.3595, -36.6463$ , and if you desaturate by 10%, it is  $228.8200, -0.4043, -10.3661$ .

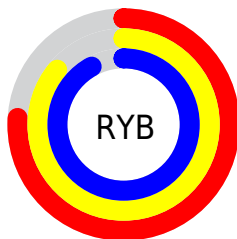
# Distribution



Red (76%)

Green (92%)

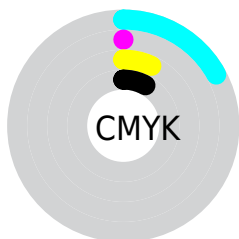
Blue (85%)



Red (76%)

Yellow (86%)

Blue (92%)

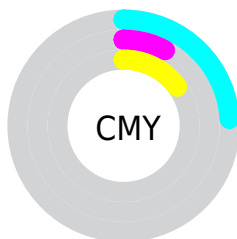


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (8%)



Cyan (24%)

Magenta (8%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 220.8030, -1.3819, -23.5062 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 220.8030, -1.3819, -23.5062 by changing the saturation by 10% instead.




 220.8030, -1.3819,  
-23.5062


 220.8030, -1.3819,  
-23.5062


255.0000, 0.0000,  
0.0000


 193.1020, -1.5293,  
-22.8915


 253.8040, 0.5896,  
-2.4591

 165.5150, -1.2399,  
-22.3767

 138.9280, -0.9505,  
-21.8619

 113.3410, -0.6611,  
-21.3471

 88.6400, -0.8085,  
-20.7323

 64.7540, -0.3717,  
-20.8323

 41.8680, 0.0651,

-20.9322

■ 21.8790, 0.0597,  
-19.1879

■ 0.0000, 0.0000,  
0.0000

■ 220.8030, -1.3819,  
-23.5062

■ 220.8030, -1.3819,  
-23.5062

■ 212.7860, -2.3595,  
-36.6463

■ 228.8200, -0.4043,  
-10.3661

■ 204.5840, -2.7529,  
-50.5012

■ 237.0220, -0.0108,  
3.4887

■ 196.5670, -3.7305,  
-63.6413

■ 242.3480, 2.2934,  
11.0958

■ 188.2510, -4.5607,  
-77.3961

■ 243.2600, 5.7878,  
10.2960

■ 179.9350, -5.3910,  
-91.1510

■ 172.0320, -5.9318,  
-104.3911

■ 163.7160, -6.7620,  
-118.1459

■ 155.6990, -7.7396,  
-131.2860

■ 153.6770, -7.7288,  
-134.7747

# Harmonies

## Analogous

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



222.1160, -9.4242, -10.6257



220.8030, -1.3819, -23.5062



220.0500, 7.3704, -30.7388

# Triad

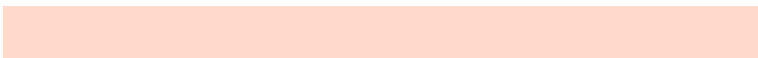
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220.8030, -1.3819, -23.5062



226.3380, 14.1304, -5.5584



227.3530, -12.0060, 24.2464

# Complementary

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



220.8030, -1.3819, -23.5062



208.1970, 1.3819, 23.5062

# 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.



227.1880, -5.0227, 24.3911



220.8030, -1.3819, -23.5062



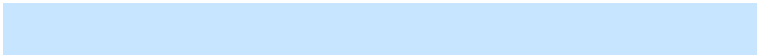
228.5850, 9.5716, 10.0110

# Square

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



220.8030, -1.3819, -23.5062



223.2930, 15.6316, -20.4280



229.1260, 2.4029, 22.6915



226.0980, -15.3313, 17.4541

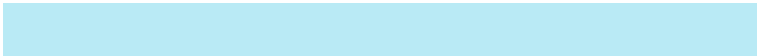


# Rectangle

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



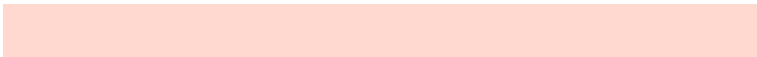
220.8030, -1.3819, -23.5062



220.6030, 12.0277, -31.2238



229.1260, 2.4029, 22.6915



226.6350, -9.6801, 24.8761

# Sweetspot

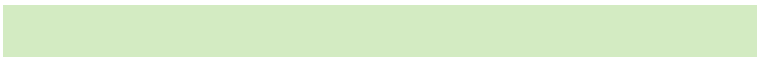
The Sweet Spot groups the original color and five complimentary colors.



220.8030, -1.3819, -23.5062



250.5430, -0.2677, -7.4922



223.1500, -14.3709, -10.6555



125.1520, -0.5679, -4.5183



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

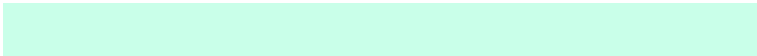


# Same Dimension

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



220.8030, -1.3819, -23.5062



236.3460, -1.6496, -30.9984



220.9800, 6.9119, -23.6615



113.1410, -0.5625, -6.2627



118.3310, -6.0792, -103.7763



35.2320, -2.0864, -30.8985



# Inverse Universe

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



208.1970, 1.3819, 23.5062



219.7680, 2.0864, 30.8985



208.0200, -6.9119, 23.6615



109.7450, 0.1257, 6.3626



62.6690, 6.0792, 103.7763

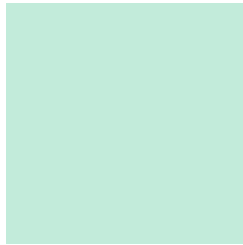


18.6540, 1.6496, 30.9984



# Previews

## White Background



This preview shows how the YUV color 220.8030, -1.3819, -23.5062 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

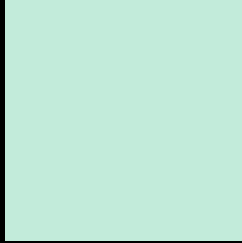
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 220.8030, -1.3819, -23.5062 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

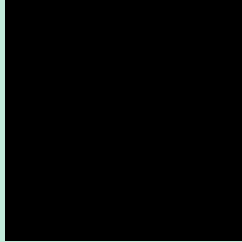
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

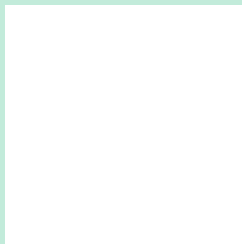
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 220.8030, -1.3819, -23.5062

## Background



This preview shows how black text looks on a background with the YUV color 220.8030, -1.3819, -23.5062.



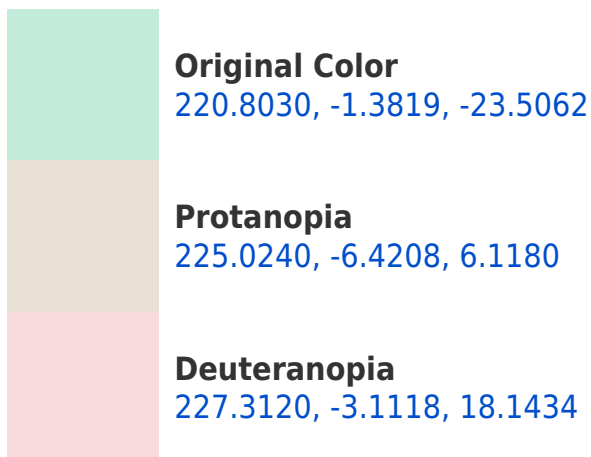
This preview shows how white text looks on a background with the YUV color 220.8030, -1.3819, -23.5062.

-23.5062.

# 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

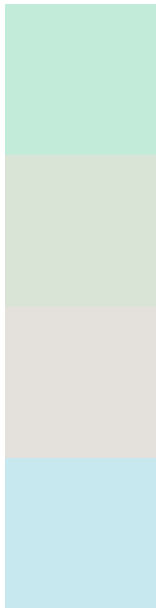




## Tritanopia

223.1960, 12.7214, -20.3429

# Trichromacy



## Original Color

220.8030, -1.3819, -23.5062

## Protanomaly

223.4140, -4.6411, -4.7481

## Deuteranomaly

224.7400, -2.3368, 2.8590

## Tritanomaly

222.5180, 7.6326, -21.5023

# Monochromacy



## Original Color

220.8030, -1.3819, -23.5062

## Achromatopsia

221.0000, 0.0000, 0.0000

## Achromatomaly

220.8310, -0.4097, -8.6218

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 220.8030, -1.3819, -23.5062 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, 235, 218)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 218)  
}
```

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, 235, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 218) }
```

## Border

The CSS property to change the border of an element to YUV 220.8030, -1.3819, -23.5062 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, 235, 218) }
```



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

```
.border{ border-color:rgb(194, 235, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 235, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 235, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 235, 218);  
box-shadow:4px 4px 4px 4px rgb(194, 235,  
218) }
```

# Background

The CSS property to change the background color of an element to YUV 220.8030, -1.3819, -23.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 235, 218) }
```

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

```
.background{ background-color: rgb(194,  
235, 218) }
```

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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