

Converting Colors

YUV(226.3850, -20.8958,
-17.8776)

Have a look what the booklet for
YUV(226.3850, -20.8958, -17.8776)
contains.

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Color

**YUV(226.3850, -20.8958,
-17.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF5B8
RGB	206, 245, 184
RGB Percent	81%, 96%, 72%
CMY	0.1922, 0.0392, 0.2784
CMYK	0.16, 0.00, 0.25, 0.04
HSL	98°, 75%, 84%
HSV	98°, 25%, 96%
XYZ	66.7577, 81.8873, 57.6347
YIQ	226.3850, -3.6630, -27.2390

Conversions

Conversions Part 2

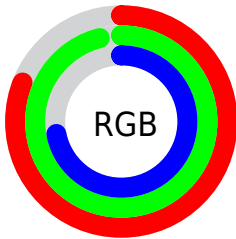
Format	Color
RYB	184, 245, 223
Decimal	13563320
CIELab	92.53, -23.33, 25.33
CIELCh	93, 34.434, 132.648
Yxy	81.8873, 0.3236, 0.3970
Android (android.graphics.Color)	4291753400 (0xFFCEF5B8)
YUV	226.3850, -20.8958, -17.8776
Hunter-Lab	90.4916, -26.6768, 25.5819

Details

The YUV color **226.3850, -20.8958, -17.8776** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202.6150, 20.8958, 17.8776**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **253.2900, -6.5520, 1.4997**, and **171.0260, -19.7328, -17.5628** is the 20% darker color. If you saturate the color by 10%, you get **218.8650, -29.0204, -25.3146**, and if you desaturate by 10%, it is **234.0190, -12.3344, -10.5407**.

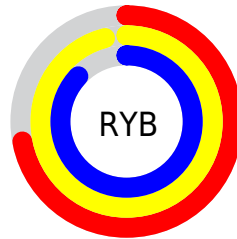
Distribution



Red (81%)

Green (96%)

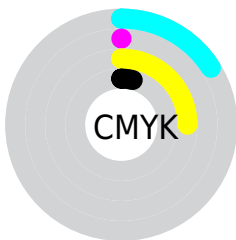
Blue (72%)



Red (72%)

Yellow (96%)

Blue (87%)

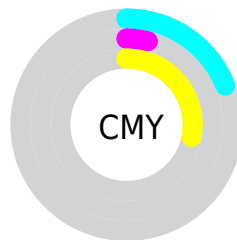


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (4%)



Cyan (19%)

Magenta (4%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.3850, -20.8958, -17.8776 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 226.3850, -20.8958, -17.8776 by changing the saturation by 10% instead.

■ 226.3850,
-20.8958, -17.8776

■ 226.3850,
-20.8958, -17.8776

255.0000, 0.0000,
0.0000

■ 197.9120,
-20.1696, -17.4628

■ 253.2900, -6.5520,
1.4997

■ 171.0260,
-19.7328, -17.5628

■ 143.8520,
-19.1540, -16.5332

■ 118.0800,
-18.2804, -16.7332

■ 93.1940, -17.8436,
-16.8331

■ 68.7210, -17.1175,
-16.4183

■ 45.5360, -16.5332,

-17.1331

■ 24.3880, -12.0233,
-17.0033

■ 9.3920, -4.6303,
-8.2368

■ 226.3850,
-20.8958, -17.8776

■ 226.3850,
-20.8958, -17.8776

■ 218.8650,
-29.0204, -25.3146

■ 234.0190,
-12.3344, -10.5407

■ 211.5300,
-37.7293, -32.0368

■ 241.2400, -4.0623,
-3.7185

■ 203.8960,
-46.2907, -39.3738

■ 248.5320, 3.1887,
3.9184

■ 196.3760,
-54.4154, -46.8108

■ 249.1300, 2.8939,
5.1480

■ 189.0410,
-63.1242, -53.5330

■ 181.5210,
-71.2489, -60.9699

■ 173.8870,
-79.8103, -68.3069

■ 170.1270,
-83.8726, -72.0254

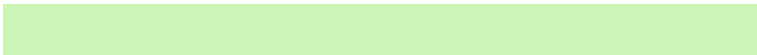
Harmonies

Analogous

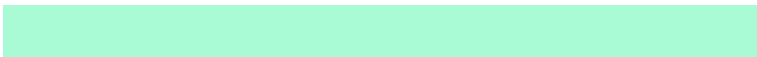
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.4550, -30.2973, 11.0020



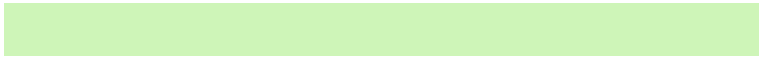
226.3850, -20.8958, -17.8776



221.8510, -4.3635, -47.2273

Triad

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



226.3850, -20.8958, -17.8776



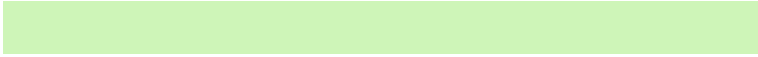
220.4590, 17.0287, -48.6375



224.0080, -1.9759, 27.1800

Complementary

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



226.3850, -20.8958, -17.8776



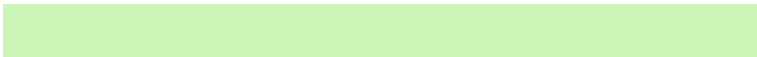
202.6150, 20.8958, 17.8776

Split Complementary

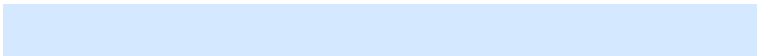
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



229.6450, 12.0070, 22.2363



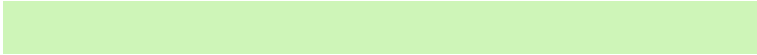
226.3850, -20.8958, -17.8776



228.6420, 12.9945, -14.5950

Square

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



226.3850, -20.8958, -17.8776



215.5980, 19.4252, -70.6844



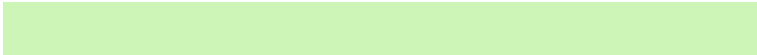
234.4550, 10.1287, 18.0180



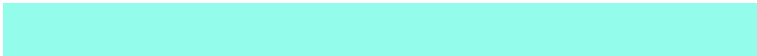
224.1100, -16.8162, 27.0905

Rectangle

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



226.3850, -20.8958, -17.8776



218.6670, 8.0522, -62.8520



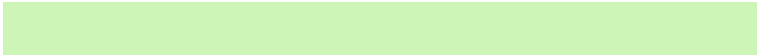
234.4550, 10.1287, 18.0180



225.3760, 3.2656, 25.9802

Sweetspot

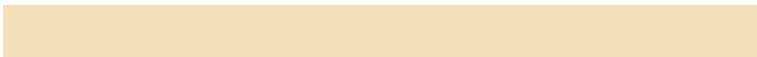
The Sweet Spot groups the original color and five complimentary colors.



226.3850, -20.8958, -17.8776



249.6590, -6.2409, -4.9629



225.1320, -20.2781, 17.4242



124.6530, -3.7729, -3.2037



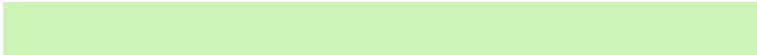
0.0000, 0.0000, 0.0000



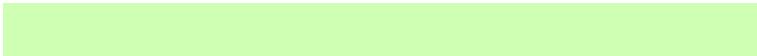
128.0000, 0.0000, 0.0000

Same Dimension

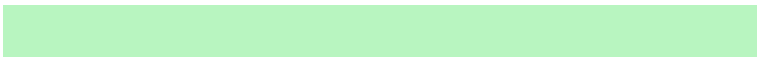
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.3850, -20.8958, -17.8776



231.6850, -25.9737, -22.5257



220.7190, -14.1585, -32.2026



118.5390, -4.2097, -3.1037



129.2150, -63.7030, -54.5626



40.9120, -20.1696, -17.4628

Inverse Universe

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



202.6150, 20.8958, 17.8776



202.0160, 26.1211, 21.9110



208.2810, 14.1585, 32.2026



113.7600, 4.0623, 3.7185



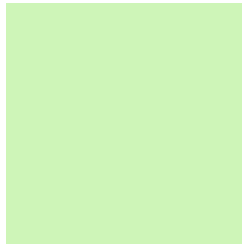
56.7850, 63.7030, 54.5626



17.7890, 20.3170, 16.8480

Previews

White Background



This preview shows how the YUV color 226.3850, -20.8958, -17.8776 looks on a white background.

Color Contrast Check

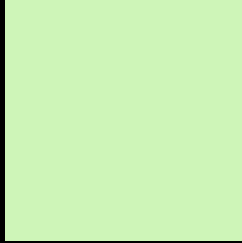
Large Text (above 18pt) WCAG AA × Fail

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 226.3850, -20.8958, -17.8776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

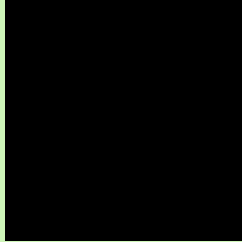
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

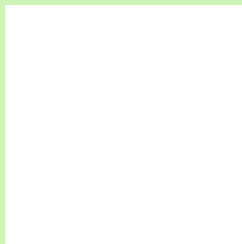
Any Text WCAG AAA ✓ Pass

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

YUV 226.3850, -20.8958, -17.8776 Background



This preview shows how black text looks on a background with the YUV color 226.3850, -20.8958, -17.8776.



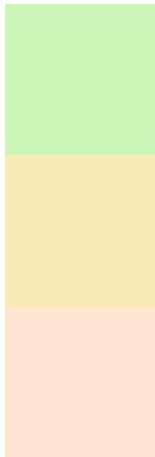
This preview shows how white text looks on a background with the YUV color 226.3850, -20.8958, -17.8776.

-17.8776.

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

226.3850, -20.8958, -17.8776

Protanopia

231.5140, -26.3824, 15.3352

Deuteranopia

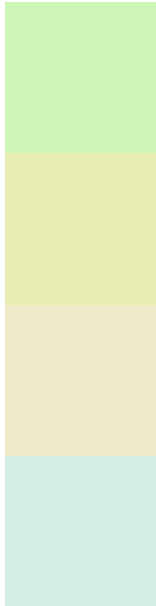
234.0210, -11.8424, 18.3986



Tritanopia

232.3710, 10.6631, -13.4804

Trichromacy



Original Color

226.3850, -20.8958, -17.8776

Protanomaly

229.3060, -24.3079, 3.2396

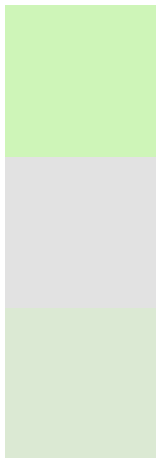
Deuteranomaly

231.1350, -14.8566, 5.1436

Tritanomaly

230.0860, -0.5354, -14.9844

Monochromacy



Original Color

226.3850, -20.8958, -17.8776

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.3060, -7.5459, -6.4074

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.3850, -20.8958, -17.8776 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(206, 245, 184)` looks like.

```
.text, #text, p{  
    color:rgb(206, 245, 184)  
}
```

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(206, 245, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 245, 184) }
```

Border

The CSS property to change the border of an element to YUV 226.3850, -20.8958, -17.8776 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(206, 245, 184) }
```


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

```
.border{ border-color:rgb(206, 245, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 245, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 245, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 245, 184);  
box-shadow:4px 4px 4px 4px rgb(206, 245,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 226.3850, -20.8958, -17.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 245, 184) }
```

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

```
.background{ background-color: rgb(206,  
245, 184) }
```

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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