

Converting Colors

YUV(226.5530, -2.2446,
-26.7950)

Have a look what the booklet for
YUV(226.5530, -2.2446, -26.7950)
contains.

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Color

**YUV(226.5530, -2.2446,
-26.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F3DE
RGB	196, 243, 222
RGB Percent	77%, 95%, 87%
CMY	0.2314, 0.0471, 0.1294
CMYK	0.19, 0.00, 0.09, 0.05
HSL	153°, 66%, 86%
HSV	153°, 19%, 95%
XYZ	68.0004, 81.1109, 81.1792
YIQ	226.5530, -21.2710, -16.4950

Conversions

Conversions Part 2

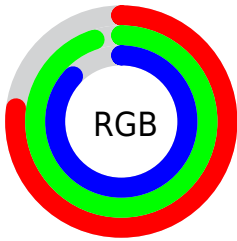
Format	Color
R _Y B	196, 226, 243
Decimal	12907486
CIE Lab	92.18, -19.11, 5.17
CIE LCh	92, 19.791, 164.869
Yxy	81.1109, 0.2953, 0.3522
Android (android.graphics.Color)	4291097566 (0xFFC4F3DE)
YUV	226.5530, -2.2446, -26.7950
Hunter-Lab	90.0616, -22.8326, 9.6006

Details

The YUV color $226.5530, -2.2446, -26.7950$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $212.4470, 2.2446, 26.7950$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $171.2650, -2.1026, -25.6654$ is the 20% darker color. If you saturate the color by 10%, you get $218.1230, -3.5116, -40.4499$, and if you desaturate by 10%, it is $234.9830, -0.9776, -13.1401$.

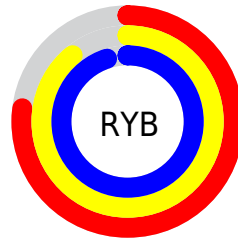
Distribution



Red (77%)

Green (95%)

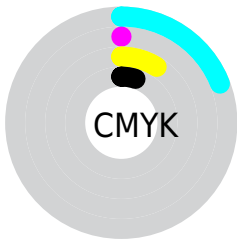
Blue (87%)



Red (77%)

Yellow (89%)

Blue (95%)

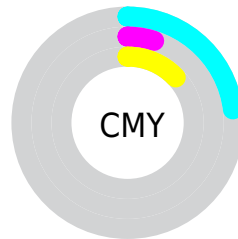


Cyan (19%)

Magenta (0%)

Yellow (9%)

Black (5%)



Cyan (23%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.5530, -2.2446, -26.7950 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 226.5530, -2.2446, -26.7950 by changing the saturation by 10% instead.

■ 226.5530, -2.2446,
-26.7950

■ 226.5530, -2.2446,
-26.7950

255.0000, 0.0000,
0.0000

■ 198.5530, -2.2446,
-26.7950

254.4020, 0.2948,
-1.2296

■ 171.2650, -2.1026,
-25.6654

■ 144.6780, -1.8133,
-25.1506

■ 118.0910, -1.5239,
-24.6358

■ 93.5040, -1.2345,
-24.1210

■ 69.5040, -1.2345,
-24.1210

■ 45.7320, -0.3609,

-24.3210

■ 25.0420, -0.5137,
-21.9618

■ 8.2180, -4.0515,
-7.2072

■ 226.5530, -2.2446,
-26.7950

■ 226.5530, -2.2446,
-26.7950

■ 218.1230, -3.5116,
-40.4499

■ 234.9830, -0.9776,
-13.1401

■ 209.3940, -4.6312,
-54.7195

■ 243.7120, 0.1420,
1.1296

■ 200.9640, -5.8983,
-68.3744

■ 247.9560, 3.4727,
6.1776

■ 192.6480, -6.7285,
-82.1293

■ 184.2180, -7.9955,
-95.7842

■ 175.4890, -9.1151,
-110.0539

■ 167.0590,
-10.3821, -123.7087

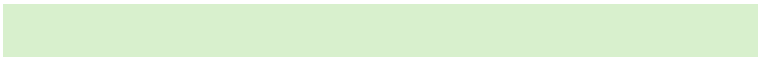
■ 158.6290,
-11.6491, -137.3636

■ 157.9170,
-11.7911, -138.4932

Harmonies

Analogous

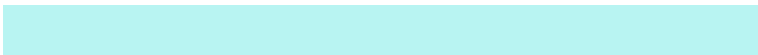
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.8340, -11.7502, -11.2554



226.5530, -2.2446, -26.7950



225.8320, 7.9708, -36.6867

Triad

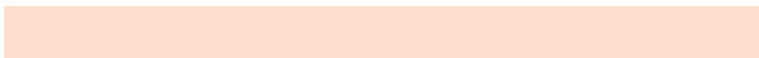
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.5530, -2.2446, -26.7950



231.6430, 11.5150, -6.7029



230.1570, -11.4164, 21.7873

Complementary

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



226.5530, -2.2446, -26.7950



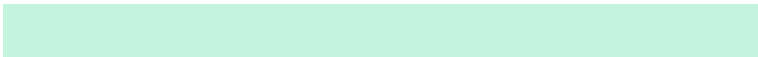
212.4470, 2.2446, 26.7950

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.



230.9210, -3.4121, 21.1173



226.5530, -2.2446, -26.7950



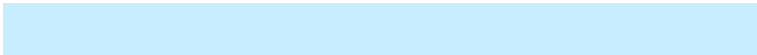
235.2970, 9.7136, 11.1405

Square

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



226.5530, -2.2446, -26.7950



227.9890, 13.3164, -24.5464



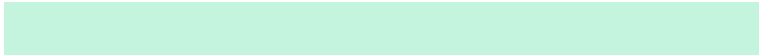
233.0870, 4.8871, 19.2177



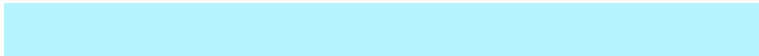
232.4250, -17.9575, 19.7983

Rectangle

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



226.5530, -2.2446, -26.7950



226.3140, 13.6492, -37.9864



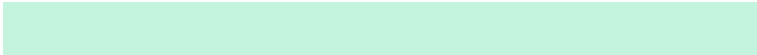
233.0870, 4.8871, 19.2177



230.1400, -8.9430, 21.8022

Sweetspot

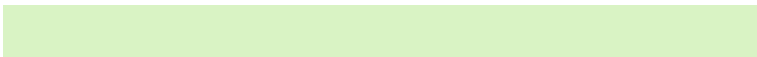
The Sweet Spot groups the original color and five complimentary colors.



226.5530, -2.2446, -26.7950



249.7170, -0.8465, -8.5218



229.8680, -16.6969, -11.2852



124.8530, -0.4205, -5.1331



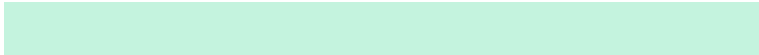
0.0000, 0.0000, 0.0000



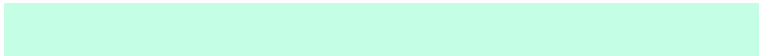
128.0000, 0.0000, 0.0000

Same Dimension

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



226.5530, -2.2446, -26.7950



234.3950, -2.6597, -33.6724



227.7730, 7.5069, -27.8649



117.8420, -0.4151, -6.8774



120.9240, -8.8365, -106.0503



38.2810, -3.0965, -33.5724

Inverse Universe

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



212.4470, 2.2446, 26.7950



216.7190, 3.0965, 33.5724



211.2270, -7.5069, 27.8649



114.2720, 0.8519, 6.7775



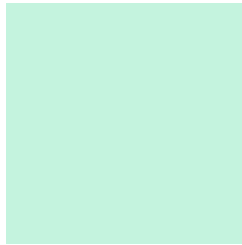
65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 226.5530, -2.2446, -26.7950 looks on a white background.

Color Contrast Check

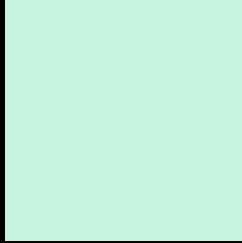
Large Text (above 18pt) WCAG AA × Fail

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 226.5530, -2.2446, -26.7950 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

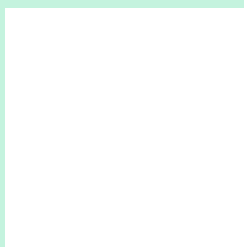
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.5530, -2.2446, -26.7950

Background



This preview shows how black text looks on a background with the YUV color 226.5530, -2.2446, -26.7950.



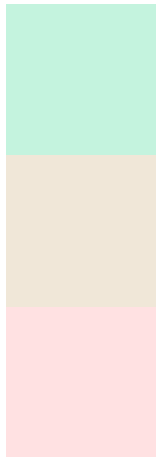
This preview shows how white text looks on a background with the YUV color 226.5530, -2.2446, -26.7950.

-26.7950.

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

226.5530, -2.2446, -26.7950

Protanopia

231.9810, -7.8786, 7.0327

Deuteranopia

234.0840, -3.9854, 18.3433



Tritanopia

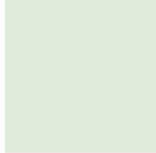
229.4840, 12.5794, -21.4725

Trichromacy



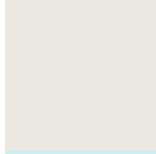
Original Color

226.5530, -2.2446, -26.7950



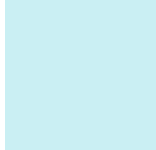
Protanomaly

229.7730, -5.8041, -5.0629



Deuteranomaly

231.8000, -3.3524, 1.9294



Tritanomaly

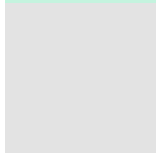
228.3930, 7.2013, -23.1467

Monochromacy



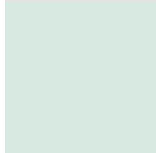
Original Color

226.5530, -2.2446, -26.7950



Achromatopsia

227.0000, 0.0000, 0.0000



Achromatomaly

227.0050, -0.9885, -9.6514

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.5530, -2.2446, -26.7950 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(196, 243, 222)` looks like.

```
.text, #text, p{  
    color:rgb(196, 243, 222)  
}
```

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(196, 243, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 243, 222) }
```

Border

The CSS property to change the border of an element to YUV 226.5530, -2.2446, -26.7950 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(196, 243, 222) }
```


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

```
.border{ border-color:rgb(196, 243, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 243, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 243, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 243, 222); box-shadow:4px 4px 4px 4px rgb(196, 243, 222) }
```

Background

The CSS property to change the background color of an element to YUV 226.5530, -2.2446, -26.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 243, 222) }
```

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

```
.background{ background-color: rgb(196,  
243, 222) }
```

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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