

Converting Colors

YUV(228.4510, -7.6173,
-30.2135)

Have a look what the booklet for
YUV(228.4510, -7.6173, -30.2135)
contains.

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Color

**YUV(228.4510, -7.6173,
-30.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	C2F9D5
RGB	194, 249, 213
RGB Percent	76%, 98%, 84%
CMY	0.2392, 0.0235, 0.1647
CMYK	0.22, 0.00, 0.14, 0.02
HSL	141°, 82%, 87%
HSV	141°, 22%, 98%
XYZ	68.1341, 84.0248, 75.5782
YIQ	228.4510, -21.2240, -22.8560

Conversions

Conversions Part 2

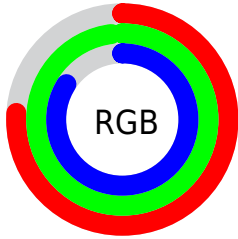
Format	Color
RYB	194, 235, 249
Decimal	12777941
CIELab	93.46, -24.33, 11.64
CIELCh	93, 26.973, 154.426
Yxy	84.0248, 0.2992, 0.3690
Android (android.graphics.Color)	4290968021 (0xFFC2F9D5)
YUV	228.4510, -7.6173, -30.2135
Hunter-Lab	91.6650, -27.7359, 15.2807

Details

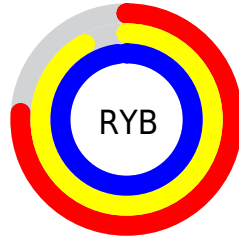
The YUV color $228.4510, -7.6173, -30.2135$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $214.5490, 7.6173, 30.2135$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8040, 0.5896, -2.4591$, and $172.2770, -7.0386, -29.1839$ is the 20% darker color. If you saturate the color by 10%, you get $219.1520, -10.9209, -43.9833$, and if you desaturate by 10%, it is $237.7500, -4.3137, -16.4437$.

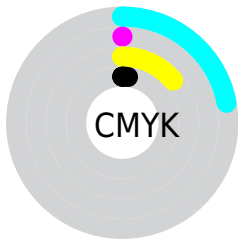
Distribution



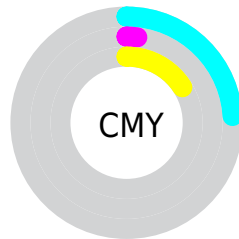
- Red (76%)
- Green (98%)
- Blue (84%)



- Red (76%)
- Yellow (92%)
- Blue (98%)



- Cyan (22%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)



- Cyan (24%)
- Magenta (2%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.4510, -7.6173, -30.2135 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 228.4510, -7.6173, -30.2135 by changing the saturation by 10% instead.

■ 228.4510, -7.6173,
-30.2135

■ 228.4510, -7.6173,
-30.2135

255.0000, 0.0000,
0.0000

■ 199.8640, -7.3280,
-29.6987

■ 253.8040, 0.5896,
-2.4591

■ 172.2770, -7.0386,
-29.1839

■ 145.6900, -6.7492,
-28.6691

■ 120.1030, -6.4598,
-28.1543

■ 94.6300, -5.7336,
-27.7395

■ 69.8580, -4.8600,
-27.9395

■ 45.4880, -3.6916,

-29.3690

■ 26.5920, -4.7289,
-23.3212

■ 11.7400, -5.7878,
-10.2960

■ 228.4510, -7.6173,
-30.2135

■ 228.4510, -7.6173,
-30.2135

■ 219.1520,
-10.9209, -43.9833

■ 237.7500, -4.3137,
-16.4437

■ 209.7390,
-14.6613, -57.6531

■ 247.1630, -0.5734,
-2.7740

■ 200.4400,
-17.9649, -71.4229

■ 251.4780, 1.7363,
3.0888

■ 191.1410,
-21.2685, -85.1927

■ 182.1410,
-24.7195, -98.3477

■ 172.7280,
-28.4599, -112.0175

■ 163.4290,
-31.7635, -125.7872

■ 155.9670,
-34.4937, -136.7831

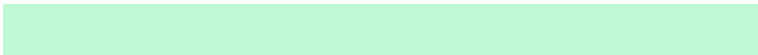
Harmonies

Analogous

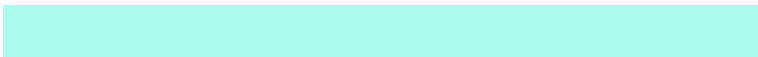
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.9070, -19.1812, -7.8114



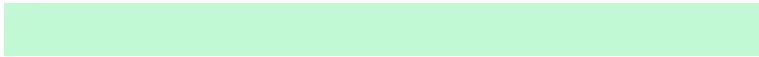
228.4510, -7.6173, -30.2135



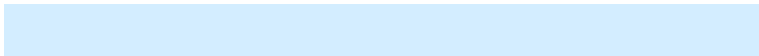
225.7120, 6.5510, -47.9824

Triad

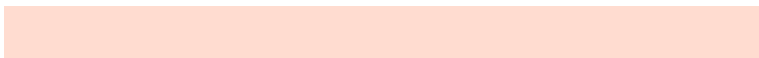
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.4510, -7.6173, -30.2135



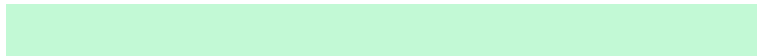
231.2780, 11.6949, -17.7838



229.0970, -10.4008, 22.7169

Complementary

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



228.4510, -7.6173, -30.2135



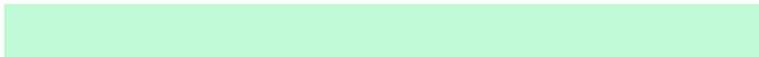
214.5490, 7.6173, 30.2135

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.



230.7730, 1.0979, 21.2471



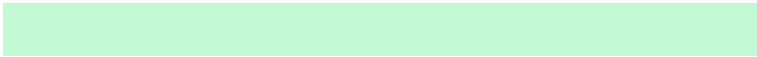
228.4510, -7.6173, -30.2135



236.4600, 9.1402, 8.3666

Square

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



228.4510, -7.6173, -30.2135



226.4060, 14.0968, -41.5751



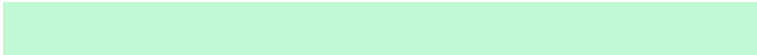
235.0420, 9.8393, 17.5032



231.1540, -20.2889, 20.9129

Rectangle

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



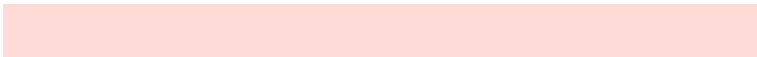
228.4510, -7.6173, -30.2135



225.4430, 14.5716, -53.8855



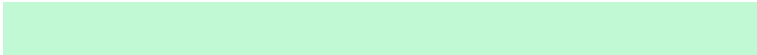
235.0420, 9.8393, 17.5032



229.4220, -6.6170, 22.4319

Sweetspot

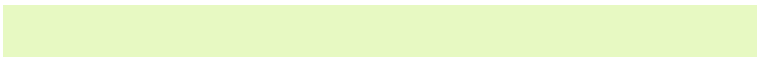
The Sweet Spot groups the original color and five complimentary colors.



228.4510, -7.6173, -30.2135



248.2500, -2.5882, -9.8663



237.3480, -21.3706, -5.5672



123.9130, -1.4361, -6.0627



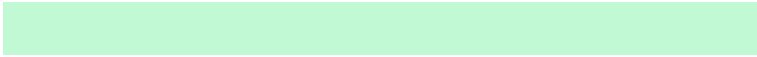
0.0000, 0.0000, 0.0000



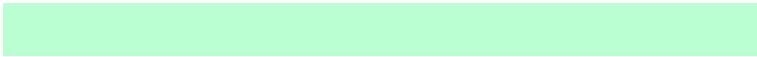
128.0000, 0.0000, 0.0000

Same Dimension

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



228.4510, -7.6173, -30.2135



229.2390, -9.4848, -37.9206



231.5290, 4.1762, -32.9129



120.2010, -1.5781, -7.1923



118.3530, -26.3030, -103.7956



38.2010, -8.4801, -33.5023

Inverse Universe

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



214.5490, 7.6173, 30.2135



211.7610, 9.4848, 37.9206



211.4710, -4.1762, 32.9129



116.9130, 2.0149, 7.0923



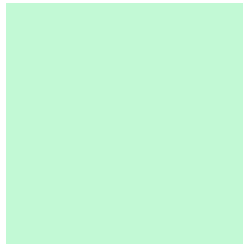
70.6470, 26.3030, 103.7956



22.7990, 8.4801, 33.5023

Previews

White Background



This preview shows how the YUV color 228.4510, -7.6173, -30.2135 looks on a white background.

Color Contrast Check

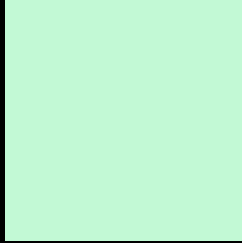
Large Text (above 18pt) WCAG AA × Fail

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 228.4510, -7.6173, -30.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

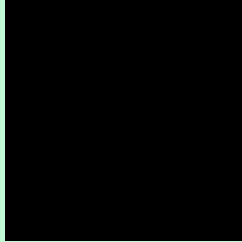
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

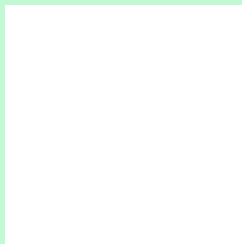
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.4510, -7.6173, -30.2135

Background



This preview shows how black text looks on a background with the YUV color 228.4510, -7.6173, -30.2135.



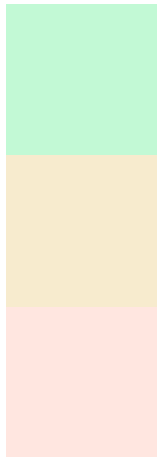
This preview shows how white text looks on a background with the YUV color 228.4510, -7.6173,

-30.2135.

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

228.4510, -7.6173, -30.2135

Protanopia

235.2820, -14.4360, 10.2767

Deuteranopia

236.7910, -6.3060, 15.9693



Tritanopia

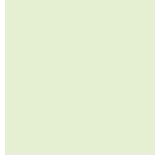
233.3380, 10.6794, -18.7134

Trichromacy



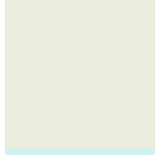
Original Color

228.4510, -7.6173, -30.2135



Protanomaly

232.8780, -11.7719, -4.2780



Deuteranomaly

233.8660, -6.8359, -0.7595



Tritanomaly

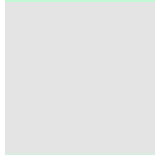
231.2960, 4.2911, -23.0616

Monochromacy



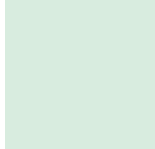
Original Color

228.4510, -7.6173, -30.2135



Achromatopsia

228.0000, 0.0000, 0.0000



Achromatomaly

228.5380, -2.7302, -10.9958

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.4510, -7.6173, -30.2135 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, 249, 213)` looks like.

```
.text, #text, p{  
    color:rgb(194, 249, 213)  
}
```

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, 249, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 249, 213) }
```

Border

The CSS property to change the border of an element to YUV 228.4510, -7.6173, -30.2135 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, 249, 213) }
```


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

```
.border{ border-color:rgb(194, 249, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 249, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 249, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 249, 213);  
box-shadow:4px 4px 4px 4px rgb(194, 249,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 228.4510, -7.6173, -30.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 249, 213) }
```

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

```
.background{ background-color: rgb(194,  
249, 213) }
```

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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