

Converting Colors

YUV(219.7570, -28.4742,
-13.8189)

Have a look what the booklet for
YUV(219.7570, -28.4742, -13.8189)
contains.

| | |
|--|----|
| YUV(219.7570, -28.4742, -13.8189) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(219.7570, -28.4742,
-13.8189)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CCEFA2 |
| RGB | 204, 239, 162 |
| RGB Percent | 80%, 94%, 64% |
| CMY | 0.2000, 0.0627, 0.3647 |
| CMYK | 0.15, 0.00, 0.32, 0.06 |
| HSL | 87°, 71%, 79% |
| HSV | 87°, 32%, 94% |
| XYZ | 62.2899, 77.1790, 45.7964 |
| YIQ | 219.7570, 3.8570, -31.3670 |

Conversions

Conversions Part 2

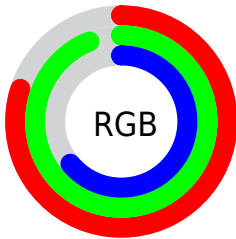
| Format | Color |
|-------------------------------------|--|
| RYB | 162, 239, 197 |
| Decimal | 13430690 |
| CIELab | 90.40, -24.33, 33.61 |
| CIElCh | 90, 41.489, 125.905 |
| Yxy | 77.1790, 0.3362, 0.4166 |
| Android (android.graphics.Color) | 4291620770 (0xFFCCEFA2) |
| YUV | 219.7570, -28.4742, -13.8189 |
| Hunter-Lab | 87.8516, -27.1774, 30.5886 |

Details

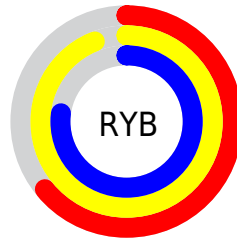
The YUV color **219.7570, -28.4742, -13.8189** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **181.2430, 28.4742, 13.8189**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **250.6680, -16.5983, 3.7992**, and **164.5120, -26.8744, -13.6040** is the 20% darker color. If you saturate the color by 10%, you get **213.7320, -37.3359, -18.1820**, and if you desaturate by 10%, it is **225.7820, -19.6125, -9.4558**.

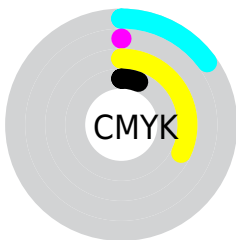
Distribution



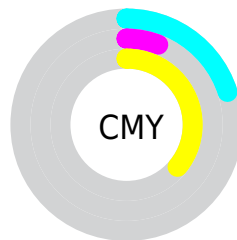
- Red (80%)
- Green (94%)
- Blue (64%)



- Red (64%)
- Yellow (94%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (32%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.7570, -28.4742, -13.8189 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 219.7570, -28.4742, -13.8189 by changing the saturation by 10% instead.

■ 219.7570,
-28.4742, -13.8189

■ 219.7570,
-28.4742, -13.8189

255.0000, 0.0000,
0.0000

■ 191.8710,
-28.0374, -13.9189

■ 250.6680,
-16.5983, 3.7992

■ 164.5120,
-26.8744, -13.6040

■ 253.9740, -3.9312,
0.8998

■ 137.6260,
-26.4376, -13.7040

■ 112.1530,
-25.7114, -13.2892

■ 86.9680, -25.1272,
-14.0039

■ 62.3810, -24.8378,
-13.4891

■ 40.6350, -20.0331,

-14.5889

■ 21.1320, -10.4181,
-18.5328

■ 1.7610, -0.8682,
-1.5444

■ 219.7570,
-28.4742, -13.8189

■ 219.7570,
-28.4742, -13.8189

■ 213.7320,
-37.3359, -18.1820

■ 225.7820,
-19.6125, -9.4558

■ 207.7070,
-46.1976, -22.5450

■ 231.8070,
-10.7509, -5.0927

■ 201.6820,
-55.0592, -26.9081

■ 237.8320, -1.8892,
-0.7297

■ 195.9560,
-64.0683, -30.6564

■ 243.2160, 5.8095,
3.3186

■ 189.9310,
-72.9300, -35.0195

■ 245.6080, 4.6303,
8.2368

■ 184.0200,
-81.3549, -39.4825

■ 179.1630,
-88.3274, -43.1160

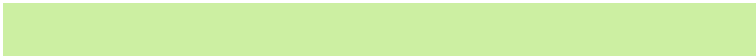
Harmonies

Analogous

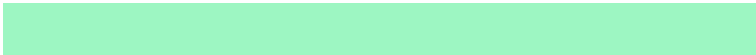
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



224.5610, -37.7446, 19.6790



219.7570, -28.4742, -13.8189



213.4610, -9.5943, -49.5163

Triad

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



219.7570, -28.4742, -13.8189



207.0260, 23.6512, -72.8138



217.0780, 1.9335, 33.2576

Complementary

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



219.7570, -28.4742, -13.8189



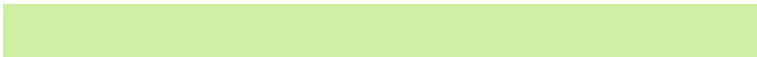
181.2430, 28.4742, 13.8189

Split Complementary

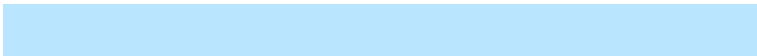
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



223.8890, 15.3377, 27.2843



219.7570, -28.4742, -13.8189



218.8080, 17.8427, -29.6496

Square

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



219.7570, -28.4742, -13.8189



200.3710, 26.9321, -98.5494



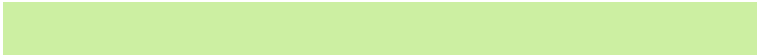
227.3450, 13.6339, 13.7294



215.6810, -16.1117, 34.4828

Rectangle

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



219.7570, -28.4742, -13.8189



208.6180, 5.6113, -73.3330



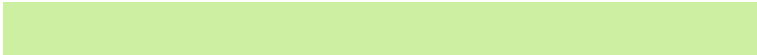
227.3450, 13.6339, 13.7294



219.2610, 7.7593, 31.3431

Sweetspot

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



219.7570, -28.4742, -13.8189



248.5620, -9.1511, -4.8779



205.5680, -21.4790, 29.3199



124.0830, -5.9569, -2.7038



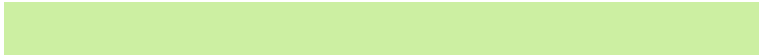
0.0000, 0.0000, 0.0000



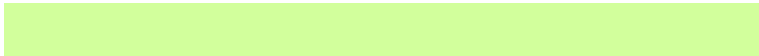
128.0000, 0.0000, 0.0000

Same Dimension

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



219.7570, -28.4742, -13.8189



230.2590, -36.6097, -17.7671



208.3950, -22.8727, -37.1804



116.8380, -4.3571, -2.4889



137.9080, -67.9886, -33.2453



42.1410, -20.7755, -9.7707

Inverse Universe

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



181.2430, 28.4742, 13.8189



180.7410, 36.6097, 17.7671



192.6050, 22.8727, 37.1804



110.8630, 4.5045, 1.8741



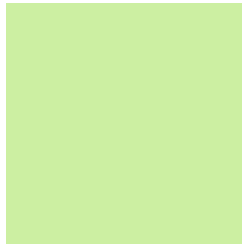
45.7930, 68.1361, 32.6305



13.8590, 20.7755, 9.7707

Previews

White Background



This preview shows how the YUV color 219.7570, -28.4742, -13.8189 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 219.7570, -28.4742, -13.8189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

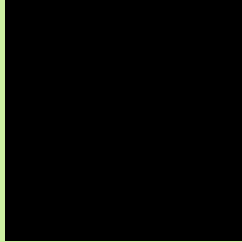
Any Text WCAG AA ✓ Pass

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 219.7570, -28.4742, -13.8189 Background



This preview shows how black text looks on a background with the YUV color 219.7570, -28.4742, -13.8189.



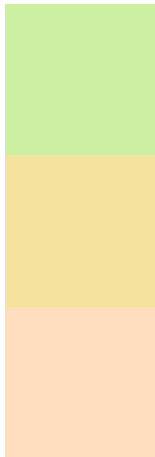
This preview shows how white text looks on a background with the YUV color 219.7570, -28.4742, -13.8189.

-13.8189.

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

219.7570, -28.4742, -13.8189

Protanopia

224.4020, -33.2292, 18.0644

Deuteranopia

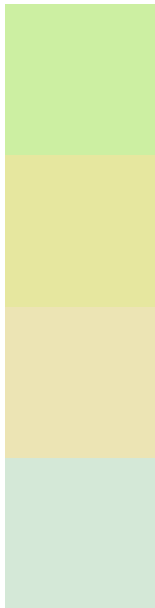
227.6320, -18.5526, 24.0017



Tritanopia

226.4640, 9.6312, -9.1769

Trichromacy



Original Color

219.7570, -28.4742, -13.8189

Protanomaly

222.4930, -31.3020, 6.5836

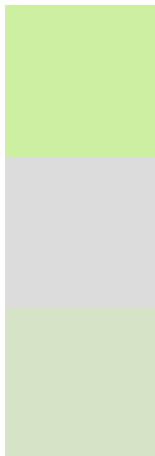
Deuteranomaly

224.9200, -22.1456, 9.7172

Tritanomaly

224.0820, -4.4774, -10.5959

Monochromacy



Original Color

219.7570, -28.4742, -13.8189

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9210, -10.3141, -5.1927

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.7570, -28.4742, -13.8189 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(204, 239, 162)` looks like.

```
.text, #text, p{  
    color:rgb(204, 239, 162)  
}
```

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(204, 239, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 239, 162) }
```

Border

The CSS property to change the border of an element to YUV 219.7570, -28.4742, -13.8189 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(204, 239, 162) }
```


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

```
.border{ border-color:rgb(204, 239, 162) }
```

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

Here you see how a box with a 4 pixel rgb(204, 239, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 239, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 239, 162);  
box-shadow:4px 4px 4px 4px rgb(204, 239,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 219.7570, -28.4742, -13.8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 239, 162) }
```

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

```
.background{ background-color: rgb(204,  
239, 162) }
```

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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