

Converting Colors

YUV(217.0570, -0.0281,
-37.7610)

Have a look what the booklet for
YUV(217.0570, -0.0281, -37.7610)
contains.

YUV(217.0570, -0.0281, -37.7610)	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(217.0570, -0.0281,
-37.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	AEEFD9
RGB	174, 239, 217
RGB Percent	68%, 94%, 85%
CMY	0.3176, 0.0627, 0.1490
CMYK	0.27, 0.00, 0.09, 0.06
HSL	160°, 67%, 81%
HSV	160°, 27%, 94%
XYZ	60.8464, 75.7414, 77.0583
YIQ	217.0570, -31.6780, -20.6220

Conversions

Conversions Part 2

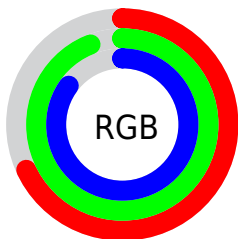
Format	Color
RYB	174, 213, 239
Decimal	11464665
CIELab	89.74, -24.85, 4.08
CIELCh	90, 25.179, 170.679
Yxy	75.7414, 0.2848, 0.3545
Android (android.graphics.Color)	4289654745 (0xFFAEEFD9)
YUV	217.0570, -0.0281, -37.7610
Hunter-Lab	87.0296, -27.5040, 8.4238

Details

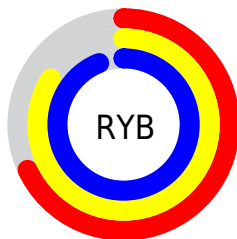
The YUV color $217.0570, -0.0281, -37.7610$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $195.9430, 0.0281, 37.7610$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $161.7690, 0.1139, -36.6314$ is the 20% darker color. If you saturate the color by 10%, you get $208.9690, 0.0153, -51.7158$, and if you desaturate by 10%, it is $225.1450, -0.0715, -23.8062$.

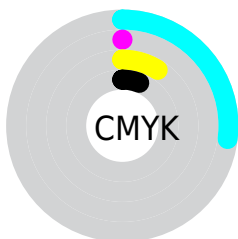
Distribution



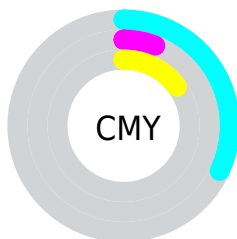
- Red (68%)
- Green (94%)
- Blue (85%)



- Red (68%)
- Yellow (84%)
- Blue (94%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (6%)





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

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0570, -0.0281, -37.7610 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 217.0570, -0.0281, -37.7610 by changing the saturation by 10% instead.

 217.0570, -0.0281,
-37.7610


 217.0570, -0.0281,
-37.7610


255.0000, 0.0000,
0.0000


 189.3560, -0.1755,
-37.1462


 247.8240, 3.5378,
-14.7546

 161.7690, 0.1139,
-36.6314

 135.1820, 0.4033,
-36.1166

 109.2960, 0.8401,
-36.2166

 83.4100, 1.2769,
-36.3166

 57.4310, 2.7455,
-40.7200

 37.5460, 1.7028,

-32.9278

■ 22.9390, -0.9559,
-20.1175

■ 0.0000, 0.0000,
0.0000

■ 217.0570, -0.0281,
-37.7610

■ 217.0570, -0.0281,
-37.7610

■ 208.9690, 0.0153,
-51.7158

■ 225.1450, -0.0715,
-23.8062

■ 200.8810, 0.0587,
-65.6706

■ 233.2330, -0.1149,
-9.8513

■ 192.7930, 0.1021,
-79.6255

■ 241.3210, -0.1583,
4.1035

■ 184.7050, 0.1454,
-93.5803

■ 244.9240, 2.0095,
8.8367

■ 176.9160, 0.0414,
-106.9203

■ 245.6080, 4.6303,
8.2368

■ 168.7140, -0.3520,
-120.7752

■ 160.6260, -0.3086,
-134.7300

■ 158.3050, -0.1504,
-138.8335

Harmonies

Analogous

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



220.2630, -12.4547, -18.6477



217.0570, -0.0281, -37.7610



215.7210, 12.9555, -48.8673

Triad

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



217.0570, -0.0281, -37.7610



225.1640, 14.7091, -4.5288



223.4090, -16.9636, 27.7053

Complementary

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



217.0570, -0.0281, -37.7610



195.9430, 0.0281, 37.7610

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.



222.8680, -6.3439, 28.1798



217.0570, -0.0281, -37.7610



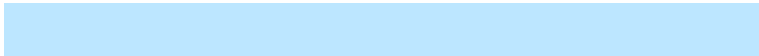
229.4380, 12.6021, 18.0329

Square

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



217.0570, -0.0281, -37.7610



220.2920, 17.1110, -28.3201



225.6040, 4.1392, 25.7803



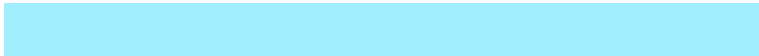
225.1820, -22.7677, 22.6424

Rectangle

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



217.0570, -0.0281, -37.7610



216.9150, 18.7759, -49.0375



225.6040, 4.1392, 25.7803



222.9190, -13.7641, 28.1350

Sweetspot

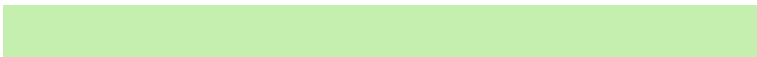
The Sweet Spot groups the original color and five complimentary colors.



217.0570, -0.0281, -37.7610



248.2220, -0.1094, -11.5957



219.0320, -22.2008, -19.3221



123.5430, -0.2677, -7.4922



0.0000, 0.0000, 0.0000



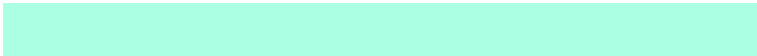
128.0000, 0.0000, 0.0000

Same Dimension

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



217.0570, -0.0281, -37.7610



226.6920, 0.1518, -48.8419



213.6950, 12.4754, -34.8125



115.9560, 0.0217, -6.9774



121.8020, -0.3954, -106.8204



37.0900, -0.0444, -32.5279

Inverse Universe

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



195.9430, 0.0281, 37.7610



199.3080, -0.1518, 48.8419



199.3050, -12.4754, 34.8125



112.0440, -0.0217, 6.9774



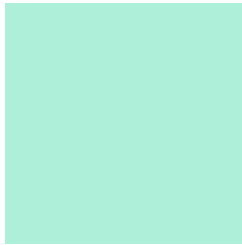
62.0840, -0.0414, 106.9203



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 217.0570, -0.0281, -37.7610 looks on a white background.

Color Contrast Check

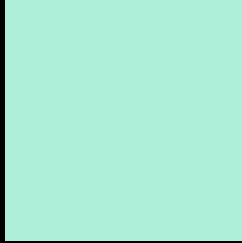
Large Text (above 18pt) WCAG AA × Fail

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 217.0570, -0.0281, -37.7610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

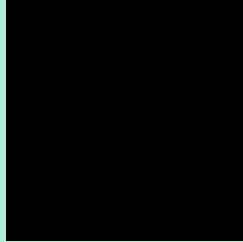
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.0570, -0.0281, -37.7610

Background



This preview shows how black text looks on a background with the YUV color 217.0570, -0.0281, -37.7610.



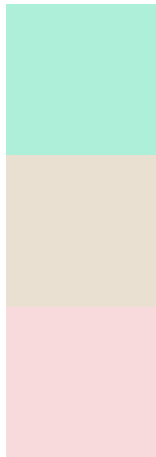
This preview shows how white text looks on a background with the YUV color 217.0570, -0.0281, -37.7610.

-37.7610.

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

217.0570, -0.0281, -37.7610

Protanopia

224.9810, -7.8786, 7.0327

Deuteranopia

227.3120, -3.1118, 18.1434



Tritanopia

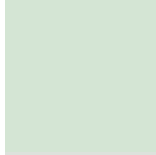
220.3190, 16.1117, -34.4828

Trichromacy



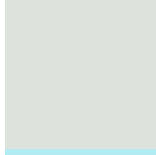
Original Color

217.0570, -0.0281, -37.7610



Protanomaly

221.9790, -4.9196, -8.7516



Deuteranomaly

223.8210, -1.8838, -2.4740



Tritanomaly

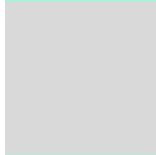
219.1140, 10.2968, -36.0570

Monochromacy



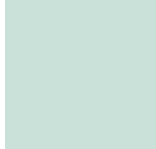
Original Color

217.0570, -0.0281, -37.7610



Achromatopsia

217.0000, 0.0000, 0.0000



Achromatomaly

216.9120, 0.0434, -13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0570, -0.0281, -37.7610 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(174, 239, 217)` looks like.

```
.text, #text, p{  
    color:rgb(174, 239, 217)  
}
```

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(174, 239, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 239, 217) }
```

Border

The CSS property to change the border of an element to YUV 217.0570, -0.0281, -37.7610 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(174, 239, 217) }
```


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

```
.border{ border-color:rgb(174, 239, 217) }
```

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

Here you see how a box with a 4 pixel rgb(174, 239, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 239, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 239, 217);  
box-shadow:4px 4px 4px 4px rgb(174, 239,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 217.0570, -0.0281, -37.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 239, 217) }
```

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

```
.background{ background-color: rgb(174,  
239, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor