

Converting Colors

YUV(217.2630, 4.3073,
-28.2947)

Have a look what the booklet for
YUV(217.2630, 4.3073, -28.2947)
contains.

YUV(217.2630, 4.3073, -28.2947)	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(217.2630, 4.3073,
-28.2947)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E8E2
RGB	185, 232, 226
RGB Percent	73%, 91%, 89%
CMY	0.2745, 0.0902, 0.1137
CMYK	0.20, 0.00, 0.03, 0.09
HSL	172°, 51%, 82%
HSV	172°, 20%, 91%
XYZ	62.5917, 73.5185, 82.8431
YIQ	217.2630, -26.0860, -11.8300

Conversions

Conversions Part 2

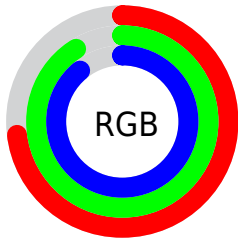
Format	Color
RYB	185, 210, 232
Decimal	12183778
CIELab	88.69, -16.26, -2.08
CIElCh	89, 16.394, 187.275
Yxy	73.5185, 0.2859, 0.3358
Android (android.graphics.Color)	4290373858 (0xFFB9E8E2)
YUV	217.2630, 4.3073, -28.2947
Hunter-Lab	85.7429, -19.7465, 2.7353

Details

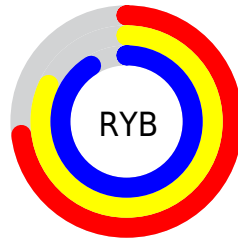
The YUV color **217.2630, 4.3073, -28.2947** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **199.7370, -4.3073, 28.2947**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **251.1130, 1.9163, -7.9921**, and **161.9750, 4.4493, -27.1651** is the 20% darker color. If you saturate the color by 10%, you get **210.0440, 6.3873, -42.1346**, and if you desaturate by 10%, it is **224.4820, 2.2274, -14.4547**.

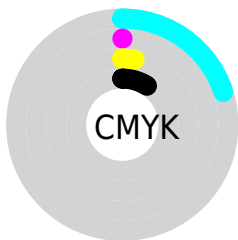
Distribution



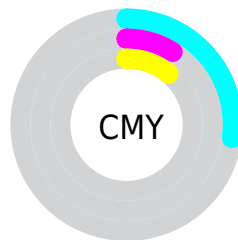
- Red (73%)
- Green (91%)
- Blue (89%)



- Red (73%)
- Yellow (82%)
- Blue (91%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (27%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.2630, 4.3073, -28.2947 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 217.2630, 4.3073, -28.2947 by changing the saturation by 10% instead.

■ 217.2630, 4.3073,
-28.2947

■ 217.2630, 4.3073,
-28.2947

255.0000, 0.0000,
0.0000

■ 189.5620, 4.1599,
-27.6799

■ 251.1130, 1.9163,
-7.9921

■ 161.9750, 4.4493,
-27.1651

■ 135.8610, 4.0125,
-27.0651

■ 110.2740, 4.3019,
-26.5503

■ 85.2740, 4.3019,
-26.5503

■ 61.2740, 4.3019,
-26.5503

■ 37.1920, 5.3283,

-29.1094

■ 21.2750, 2.8224,
-18.6582

■ 0.0000, 0.0000,
0.0000

■ 217.2630, 4.3073,
-28.2947

■ 217.2630, 4.3073,
-28.2947

■ 210.0440, 6.3873,
-42.1346

■ 224.4820, 2.2274,
-14.4547

■ 202.8250, 8.4673,
-55.9745

■ 231.7010, 0.1474,
-0.6148

■ 195.3070, 10.6946,
-70.4292

■ 239.2190, -2.0800,
13.8399

■ 188.0880, 12.7746,
-84.2692

■ 239.5610, -0.7696,
13.5400

■ 180.8690, 14.8546,
-98.1091

■ 239.9030, 0.5408,
13.2401

■ 173.6500, 16.9346,
-111.9490

■ 240.2450, 1.8512,
12.9401

■ 166.4310, 19.0145,
-125.7890

■ 240.5870, 3.1616,
12.6402

■ 159.2120, 21.0945,
-139.6289

■ 240.9290, 4.4720,
12.3403

■ 241.2710, 5.7824,
12.0403

Harmonies

Analogous

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



218.4400, -4.1609, -18.8029



217.2630, 4.3073, -28.2947



217.7880, 11.4435, -30.5091

Triad

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



217.2630, 4.3073, -28.2947



224.4210, 11.6244, 4.8928



223.6360, -14.6105, 19.6132

Complementary

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



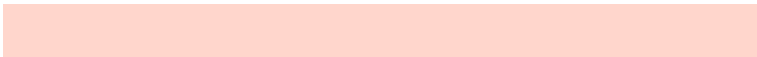
217.2630, 4.3073, -28.2947



199.7370, -4.3073, 28.2947

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.



225.1190, -10.4117, 26.2056



217.2630, 4.3073, -28.2947



225.6740, 4.5977, 18.7029

Square

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



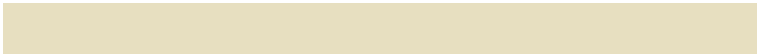
217.2630, 4.3073, -28.2947



222.8320, 14.8728, -10.3767



225.6550, -3.2809, 25.7356



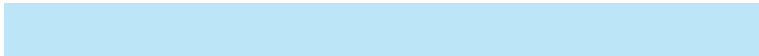
221.8580, -14.7200, 8.0175

Rectangle

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



217.2630, 4.3073, -28.2947



218.9070, 14.3428, -27.1054



225.6550, -3.2809, 25.7356



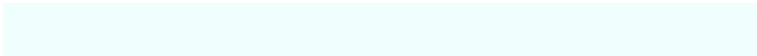
224.0000, -13.3110, 22.8020

Sweetspot

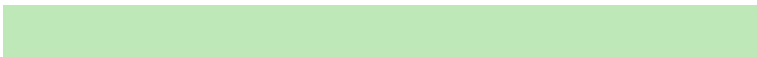
The Sweet Spot groups the original color and five complimentary colors.



217.2630, 4.3073, -28.2947



250.2870, 1.3375, -9.0217



214.3830, -14.4858, -20.5069



125.0810, 0.4531, -5.3330



0.0000, 0.0000, 0.0000



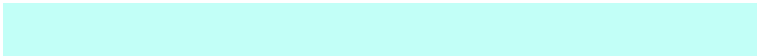
128.0000, 0.0000, 0.0000

Same Dimension

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



217.2630, 4.3073, -28.2947



235.8490, 5.4974, -36.7016



207.9680, 11.8478, -20.1429



111.1840, 0.8953, -7.1774



122.8570, 16.3395, -107.7456



34.9530, 4.4602, -30.6538

Inverse Universe

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



199.7370, -4.3073, 28.2947



213.1510, -5.4974, 36.7016



209.0320, -11.8478, 20.1429



106.8160, -0.8953, 7.1774



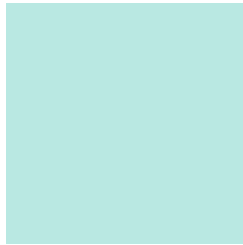
56.1430, -16.3395, 107.7456



16.0470, -4.4602, 30.6538

Previews

White Background



This preview shows how the YUV color 217.2630, 4.3073, -28.2947 looks on a white background.

Color Contrast Check

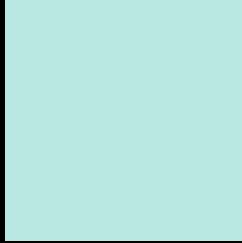
Large Text (above 18pt) WCAG AA × Fail

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 217.2630, 4.3073, -28.2947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

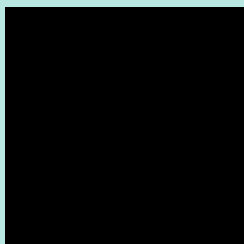
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

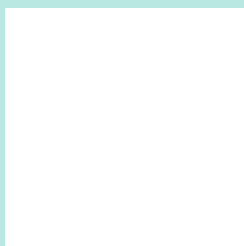
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 217.2630, 4.3073, -28.2947

Background



This preview shows how black text looks on a background with the YUV color 217.2630, 4.3073, -28.2947.



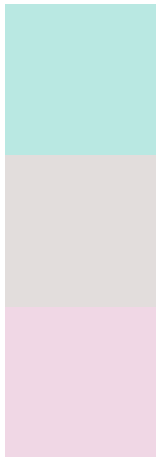
This preview shows how white text looks on a background with the YUV color 217.2630, 4.3073, -28.2947.

-28.2947.

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

217.2630, 4.3073, -28.2947

Protanopia

222.3810, -1.1738, 3.1739

Deuteranopia

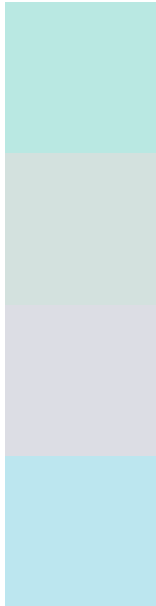
224.0710, 2.4300, 13.9697



Tritanopia

219.0920, 13.7586, -26.3907

Trichromacy



Original Color

217.2630, 4.3073, -28.2947

Protanomaly

220.4720, 0.7533, -8.3069

Deuteranomaly

221.4990, 3.2050, -1.3146

Tritanomaly

218.4680, 10.1223, -26.7204

Monochromacy



Original Color

217.2630, 4.3073, -28.2947

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.6890, 1.6323, -10.2513

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.2630, 4.3073, -28.2947 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(185, 232, 226)` looks like.

```
.text, #text, p{  
    color:rgb(185, 232, 226)  
}
```

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(185, 232, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 232, 226) }
```

Border

The CSS property to change the border of an element to YUV 217.2630, 4.3073, -28.2947 is called "border". The border property can be set on classes, ids or directly on the HTML element.

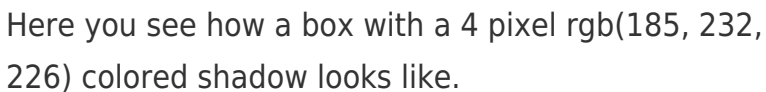
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 232, 226) }
```


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

```
.border{ border-color:rgb(185, 232, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 232, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 232, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 232, 226); box-shadow:4px 4px 4px 4px rgb(185, 232, 226) }
```

Background

The CSS property to change the background color of an element to YUV 217.2630, 4.3073, -28.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 232, 226) }
```

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

```
.background{ background-color: rgb(185,  
232, 226) }
```

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