

Converting Colors

YUV(227.3170, 5.7597,
-27.4650)

Have a look what the booklet for
YUV(227.3170, 5.7597, -27.4650)
contains.

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Color

**YUV(227.3170, 5.7597,
-27.4650)**

Conversions

Conversions Part 1

Format	Color
Hex	C4F1EF
RGB	196, 241, 239
RGB Percent	77%, 95%, 94%
CMY	0.2314, 0.0549, 0.0627
CMYK	0.19, 0.00, 0.01, 0.05
HSL	177°, 62%, 86%
HSV	177°, 19%, 95%
XYZ	69.8002, 80.8784, 93.5936
YIQ	227.3170, -26.1780, -10.1620

Conversions

Conversions Part 2

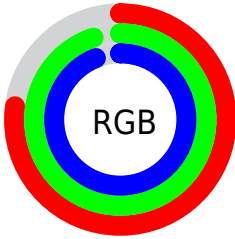
Format	Color
R_{YB}	196, 219, 241
Decimal	12906991
CIE _{Lab}	92.08, -14.75, -3.82
CIE _{LCh}	92, 15.235, 194.529
Y _{xy}	80.8784, 0.2857, 0.3311
Android (android.graphics.Color)	4291097071 (0xFFC4F1EF)
Y _{UV}	227.3170, 5.7597, -27.4650
Hunter-Lab	89.9324, -18.8405, 1.2490

Details

The YUV color $227.3170, 5.7597, -27.4650$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.6830, -5.7597, 27.4650$, 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 $171.6160, 5.6123, -26.8502$ is the 20% darker color. If you saturate the color by 10%, you get $220.0270, 8.8607, -42.1197$, and if you desaturate by 10%, it is $234.6070, 2.6587, -12.8103$.

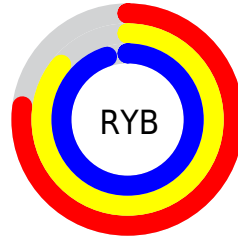
Distribution



Red (77%)

Green (95%)

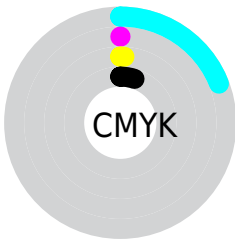
Blue (94%)



Red (77%)

Yellow (86%)

Blue (95%)

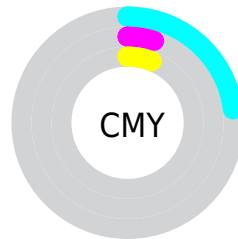


Cyan (19%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (23%)

Magenta (5%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.3170, 5.7597, -27.4650 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 227.3170, 5.7597, -27.4650 by changing the saturation by 10% instead.

■ 227.3170, 5.7597,
-27.4650

■ 227.3170, 5.7597,
-27.4650

255.0000, 0.0000,
0.0000

■ 199.3170, 5.7597,
-27.4650

254.4020, 0.2948,
-1.2296

■ 171.6160, 5.6123,
-26.8502

■ 144.9150, 5.4649,
-26.2355

■ 119.2140, 5.3175,
-25.6207

■ 93.6270, 5.6069,
-25.1059

■ 69.6270, 5.6069,
-25.1059

■ 46.0290, 5.9017,

-26.3354

■ 25.9370, 5.4541,
-22.7467

■ 10.0420, 2.9373,
-8.8068

■ 227.3170, 5.7597,
-27.4650

■ 227.3170, 5.7597,
-27.4650

■ 220.0270, 8.8607,
-42.1197

■ 234.6070, 2.6587,
-12.8103

■ 212.7370, 11.9617,
-56.7743

■ 241.8970, -0.4422,
1.8443

■ 205.4470, 15.0626,
-71.4290

■ 245.3000, -1.6269,
8.5069

■ 198.1570, 18.1636,
-86.0837

■ 245.4140, -1.1901,
8.4069

■ 190.8670, 21.2646,
-100.7384

■ 245.5280, -0.7533,
8.3069

■ 183.2780, 24.5129,
-116.0078

■ 245.6420, -0.3165,
8.2070

■ 175.9880, 27.6139,
-130.6625

■ 245.7560, 0.1203,
8.1070

■ 168.5840, 30.2781,
-145.2172

■ 245.9840, 0.9939,
7.9070

■ 167.6870, 30.7203,
-147.0615

■ 246.0980, 1.4307,
7.8071

Harmonies

Analogous

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



227.7110, -1.8295, -19.9175



227.3170, 5.7597, -27.4650



227.9240, 11.8695, -27.1203

Triad

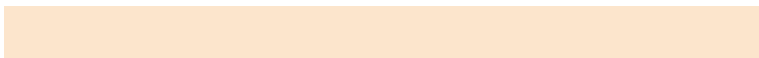
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.3170, 5.7597, -27.4650



234.4600, 9.1402, 8.3666



233.0270, -14.3103, 16.6393

Complementary

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



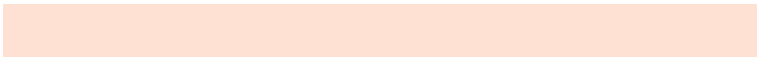
227.3170, 5.7597, -27.4650



209.6830, -5.7597, 27.4650

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.



232.4880, -10.1006, 19.7430



227.3170, 5.7597, -27.4650



234.5060, 2.7085, 17.9732

Square

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



227.3170, 5.7597, -27.4650



232.2410, 11.2202, -5.4734



232.3230, -3.1172, 19.8877



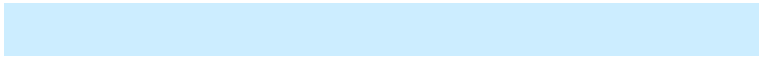
231.4770, -13.5462, 4.8437

Rectangle

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



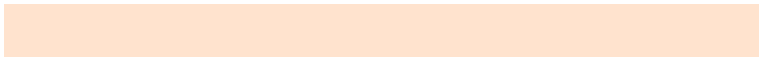
227.3170, 5.7597, -27.4650



229.1850, 12.7268, -22.0872



232.3230, -3.1172, 19.8877



232.9780, -13.3002, 19.3133

Sweetspot

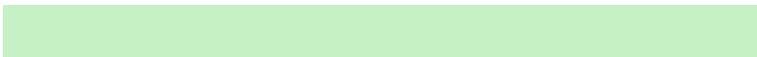
The Sweet Spot groups the original color and five complimentary colors.



227.3170, 5.7597, -27.4650



250.4010, 1.7743, -9.1217



223.0130, -13.3174, -21.9364



125.1950, 0.8899, -5.4330



0.0000, 0.0000, 0.0000



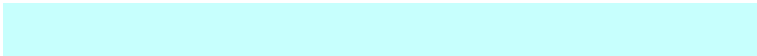
128.0000, 0.0000, 0.0000

Same Dimension

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



227.3170, 5.7597, -27.4650



238.0280, 7.3812, -34.2276



215.8050, 12.4211, -17.3690



116.2980, 1.3321, -7.2773



127.9580, 23.1917, -112.2192



39.0280, 7.3812, -34.2276

Inverse Universe

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



209.6830, -5.7597, 27.4650



215.9720, -7.3812, 34.2276



221.1950, -12.4211, 17.3690



111.5880, -1.7689, 7.3773



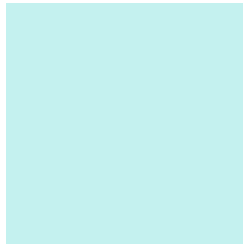
55.9280, -23.6285, 112.3191



16.9720, -7.3812, 34.2276

Previews

White Background



This preview shows how the YUV color 227.3170, 5.7597, -27.4650 looks on a white background.

Color Contrast Check

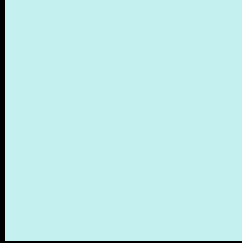
Large Text (above 18pt) WCAG AA × Fail

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 227.3170, 5.7597, -27.4650 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

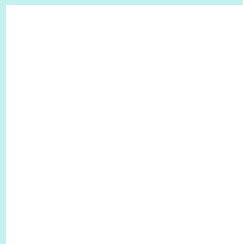
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.3170, 5.7597, -27.4650

Background



This preview shows how black text looks on a background with the YUV color 227.3170, 5.7597, -27.4650.



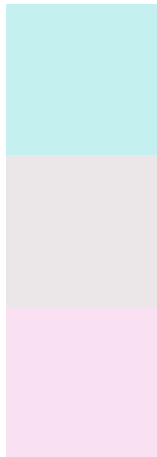
This preview shows how white text looks on a background with the YUV color 227.3170, 5.7597, -27.4650.

-27.4650.

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

227.3170, 5.7597, -27.4650

Protanopia

232.4240, 0.2840, 2.2592

Deuteranopia

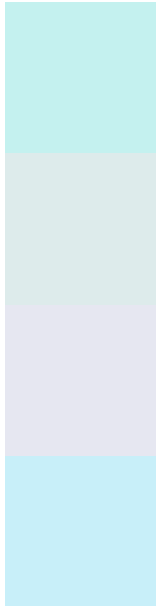
234.1140, 3.8878, 13.0550



Tritanopia

229.4730, 12.5848, -23.2168

Trichromacy



Original Color

227.3170, 5.7597, -27.4650

Protanomaly

230.8140, 2.0637, -8.6069

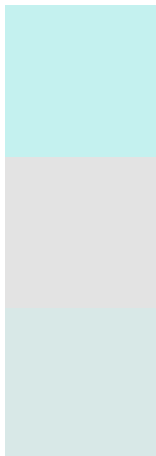
Deuteranomaly

231.8410, 4.5154, -1.6146

Tritanomaly

228.4790, 10.1169, -24.9761

Monochromacy



Original Color

227.3170, 5.7597, -27.4650

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.1020, 1.9217, -9.7365

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.3170, 5.7597, -27.4650 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, 241, 239)` looks like.

```
.text, #text, p{  
    color:rgb(196, 241, 239)  
}
```

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, 241, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 241, 239) }
```

Border

The CSS property to change the border of an element to YUV 227.3170, 5.7597, -27.4650 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, 241, 239) }
```


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

```
.border{ border-color:rgb(196, 241, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 241, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(196, 241,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 227.3170, 5.7597, -27.4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 241, 239) }
```

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

```
.background{ background-color: rgb(196,  
241, 239) }
```

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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