

Converting Colors

YUV(226.8270, 8.9593,
-27.0353)

Have a look what the booklet for
YUV(226.8270, 8.9593, -27.0353)
contains.

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Color

**YUV(226.8270, 8.9593,
-27.0353)**

Conversions

Conversions Part 1

Format	Color
Hex	C4EFF5
RGB	196, 239, 245
RGB Percent	77%, 94%, 96%
CMY	0.2314, 0.0627, 0.0392
CMYK	0.20, 0.02, 0.00, 0.04
HSL	187°, 71%, 86%
HSV	187°, 20%, 96%
XYZ	70.1129, 80.0613, 98.1442
YIQ	226.8270, -27.5540, -7.2500

Conversions

Conversions Part 2

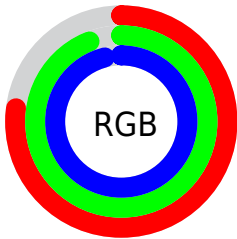
Format	Color
R _Y B	196, 219, 245
Decimal	12906485
CIE Lab	91.71, -12.50, -7.49
CIE LCh	92, 14.571, 210.910
Yxy	80.0613, 0.2824, 0.3224
Android (android.graphics.Color)	4291096565 (0xFFC4EFF5)
YUV	226.8270, 8.9593, -27.0353
Hunter-Lab	89.4770, -16.7147, -2.3993

Details

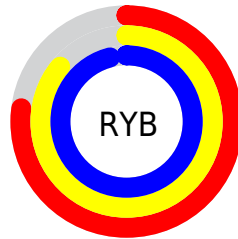
The YUV color $226.8270, 8.9593, -27.0353$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $214.1730, -8.9593, 27.0353$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4020, 0.2948, -1.2296$, and $171.1260, 8.8119, -26.4205$ is the 20% darker color. If you saturate the color by 10%, you get $217.5910, 13.5126, -40.8603$, and if you desaturate by 10%, it is $236.0630, 4.4059, -13.2103$.

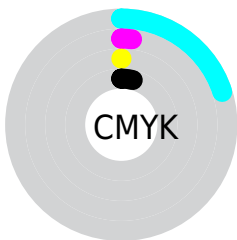
Distribution



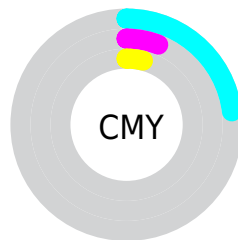
- Red (77%)
- Green (94%)
- Blue (96%)



- Red (77%)
- Yellow (86%)
- Blue (96%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (23%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.8270, 8.9593, -27.0353 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 226.8270, 8.9593, -27.0353 by changing the saturation by 10% instead.

■ 226.8270, 8.9593,
-27.0353

■ 226.8270, 8.9593,
-27.0353

255.0000, 0.0000,
0.0000

■ 198.8270, 8.9593,
-27.0353

254.4020, 0.2948,
-1.2296

■ 171.1260, 8.8119,
-26.4205

■ 144.4250, 8.6645,
-25.8057

■ 118.7240, 8.5171,
-25.1909

■ 93.6100, 8.0803,
-25.0910

■ 69.3110, 8.2277,
-25.7057

■ 45.4140, 8.6699,

-27.5501

■ 25.8060, 7.4906,
-22.6319

■ 10.0250, 5.4107,
-8.7919

■ 226.8270, 8.9593,
-27.0353

■ 226.8270, 8.9593,
-27.0353

■ 217.5910, 13.5126,
-40.8603

■ 236.0630, 4.4059,
-13.2103

■ 208.6540, 17.9186,
-54.0706

■ 245.0000, 0.0000,
0.0000

■ 199.7170, 22.3245,
-67.2808

■ 249.7510, -2.3422,
4.6034

■ 190.4810, 26.8779,
-81.1058

■ 251.5120, -3.2104,
3.0590

■ 181.5440, 31.2838,
-94.3161

■ 253.2730, -4.0786,
1.5146

■ 172.3080, 35.8372,
-108.1411

■ 253.8600, -4.3680,
0.9998

■ 163.0720, 40.3905,
-121.9661

■ 154.1350, 44.7964,
-135.1764

Harmonies

Analogous

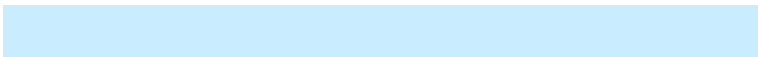
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.7150, 2.1125, -24.3061



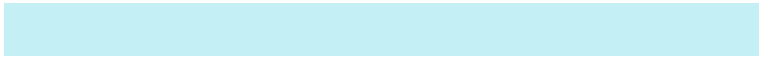
226.8270, 8.9593, -27.0353



228.0000, 13.3110, -22.8020

Triad

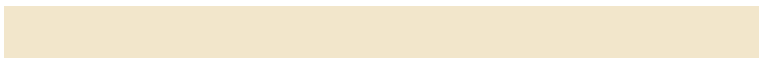
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.8270, 8.9593, -27.0353



234.1680, 5.3402, 13.8847



230.5100, -13.5624, 10.0767

Complementary

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



226.8270, 8.9593, -27.0353



214.1730, -8.9593, 27.0353

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.



232.5050, -12.5740, 19.7281



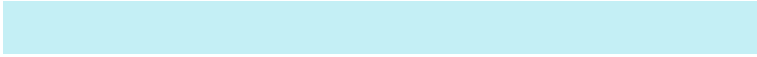
226.8270, 8.9593, -27.0353



232.8930, -0.9332, 19.3878

Square

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



226.8270, 8.9593, -27.0353



233.1710, 10.7617, 1.6040



231.8840, -7.3378, 20.2727



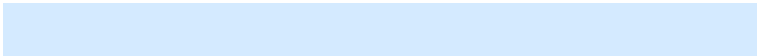
229.4160, -11.0511, -2.1188

Rectangle

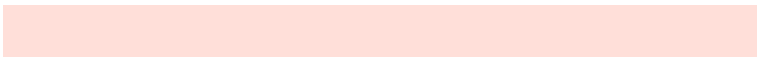
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



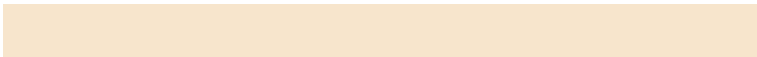
226.8270, 8.9593, -27.0353



229.8160, 12.4157, -15.6246



231.8840, -7.3378, 20.2727



231.5320, -13.5733, 13.5654

Sweetspot

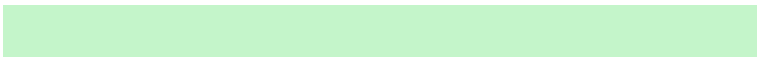
The Sweet Spot groups the original color and five complimentary colors.



226.8270, 8.9593, -27.0353



249.3410, 2.7899, -8.1921



225.4470, -11.5594, -25.8250



124.1350, 1.9054, -4.5034



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.



226.8270, 8.9593, -27.0353



232.6520, 11.0176, -33.8978



212.7390, 15.9047, -14.6801



117.8250, 2.0583, -6.8625



116.8850, 34.0737, -102.5081



36.6630, 11.0121, -32.1535

Inverse Universe

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



215.5530, 11.5594, 25.8250



218.3950, 14.5953, 32.1026



228.2610, -15.9047, 14.6801



114.8420, 3.0359, 6.2776



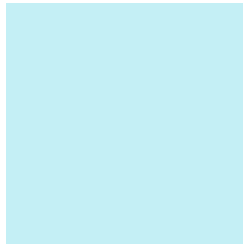
74.1960, 43.7804, 98.0521



23.4550, 13.5797, 31.1730

Previews

White Background



This preview shows how the YUV color 226.8270, 8.9593, -27.0353 looks on a white background.

Color Contrast Check

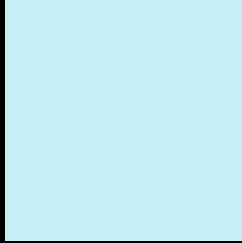
Large Text (above 18pt) WCAG AA × Fail

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 226.8270, 8.9593, -27.0353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

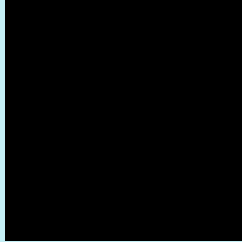
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.8270, 8.9593, -27.0353

Background



This preview shows how black text looks on a background with the YUV color 226.8270, 8.9593, -27.0353.



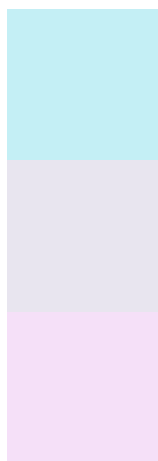
This preview shows how white text looks on a background with the YUV color 226.8270, 8.9593, -27.0353.

-27.0353.

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

226.8270, 8.9593, -27.0353

Protanopia

231.0370, 3.9258, 0.8446

Deuteranopia

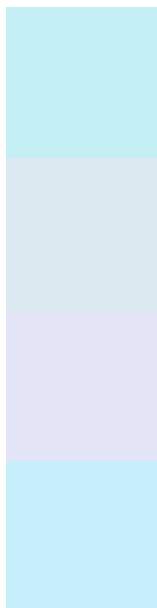
233.0150, 7.3876, 10.5108



Tritanopia

227.9890, 13.3164, -24.5464

Trichromacy



Original Color

226.8270, 8.9593, -27.0353

Protanomaly

229.7260, 5.5581, -9.4067

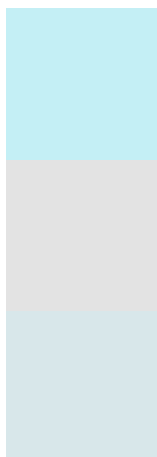
Deuteranomaly

230.4540, 8.1572, -3.0292

Tritanomaly

227.8210, 11.4272, -25.2760

Monochromacy



Original Color

226.8270, 8.9593, -27.0353

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.8570, 3.5215, -9.5216

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.8270, 8.9593, -27.0353 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, 239, 245)` looks like.

```
.text, #text, p{  
    color:rgb(196, 239, 245)  
}
```

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, 239, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 239, 245) }
```

Border

The CSS property to change the border of an element to YUV 226.8270, 8.9593, -27.0353 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, 239, 245) }
```


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

```
.border{ border-color:rgb(196, 239, 245) }
```

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

Here you see how a box with a 4 pixel rgb(196, 239, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 239, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 239, 245);  
box-shadow:4px 4px 4px 4px rgb(196, 239,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 226.8270, 8.9593, -27.0353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 239, 245) }
```

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

```
.background{ background-color: rgb(196,  
239, 245) }
```

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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