

Converting Colors

YUV(226.7290, 10.9796,
-21.6873)

Have a look what the booklet for
YUV(226.7290, 10.9796, -21.6873)
contains.

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Color

**YUV(226.7290, 10.9796,
-21.6873)**

Conversions

Conversions Part 1

Format	Color
Hex	CAEBF9
RGB	202, 235, 249
RGB Percent	79%, 92%, 98%
CMY	0.2078, 0.0784, 0.0235
CMYK	0.19, 0.06, 0.00, 0.02
HSL	198°, 80%, 88%
HSV	198°, 19%, 98%
XYZ	71.1643, 78.8128, 101.0842
YIQ	226.7290, -24.1620, -2.6420

Conversions

Conversions Part 2

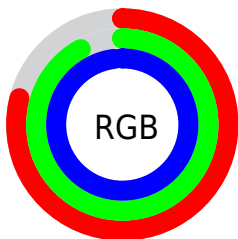
Format	Color
R _Y B	202, 221, 249
Decimal	13298681
CIE Lab	91.15, -7.83, -10.37
CIE LCh	91, 12.989, 232.940
Yxy	78.8128, 0.2835, 0.3139
Android (android.graphics.Color)	4291488761 (0xFFCAEBF9)
YUV	226.7290, 10.9796, -21.6873
Hunter-Lab	88.7766, -12.2713, -5.3661

Details

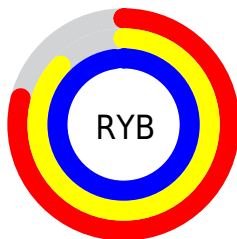
The YUV color $226.7290, 10.9796, -21.6873$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $224.2710, -10.9796, 21.6873$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.0280, 10.8322, -21.0726$ is the 20% darker color. If you saturate the color by 10%, you get $215.1450, 16.6905, -33.4532$, and if you desaturate by 10%, it is $238.3130, 5.2687, -9.9215$.

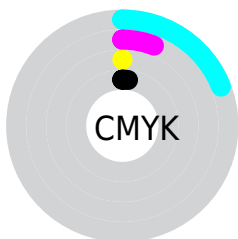
Distribution



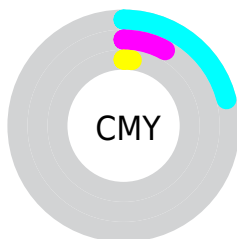
- Red (79%)
- Green (92%)
- Blue (98%)



- Red (79%)
- Yellow (87%)
- Blue (98%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (21%)
- Magenta (8%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7290, 10.9796, -21.6873 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 226.7290, 10.9796, -21.6873 by changing the saturation by 10% instead.

■ 226.7290, 10.9796,
-21.6873

■ 226.7290, 10.9796,
-21.6873

255.0000, 0.0000,
0.0000

■ 198.6150, 10.5428,
-21.5874

■ 171.0280, 10.8322,
-21.0726

■ 144.2130, 10.2480,
-20.3578

■ 119.0990, 9.8112,
-20.2578

■ 94.0990, 9.8112,
-20.2578

■ 69.9850, 9.3744,
-20.1578

■ 46.6860, 9.5218,

-20.7726

■ 24.3870, 9.6692,
-21.3874

■ 8.0190, 7.8786,
-7.0327

■ 226.7290, 10.9796,
-21.6873

■ 226.7290, 10.9796,
-21.6873

■ 215.1450, 16.6905,
-33.4532

■ 238.3130, 5.2687,
-9.9215

■ 202.9740, 22.6908,
-44.7042

■ 250.4840, -0.7316,
1.3295

■ 191.3900, 28.4017,
-56.4700

■ 254.3160, -2.6208,
0.5999

■ 179.2190, 34.4020,
-67.7211

■ 167.9340, 39.9655,
-78.8721

■ 155.7630, 45.9658,
-90.1232

■ 144.1790, 51.6768,
-101.8890

■ 132.5950, 57.3877,
-113.6548

■ 131.1110, 58.1193,
-114.9843

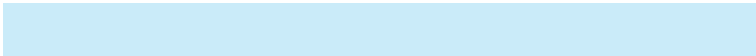
Harmonies

Analogous

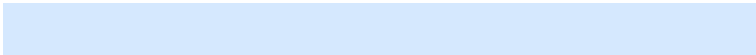
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.8660, 6.4751, -23.5615



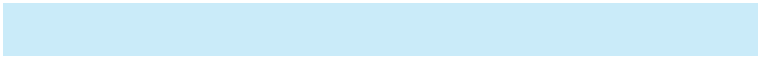
226.7290, 10.9796, -21.6873



228.8270, 12.4103, -13.8803

Triad

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



226.7290, 10.9796, -21.6873



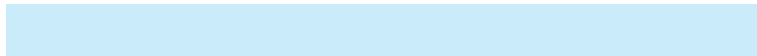
231.9360, 0.5246, 18.4731



228.2530, -10.4777, 0.6551

Complementary

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



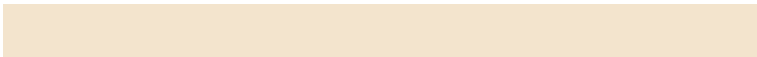
226.7290, 10.9796, -21.6873



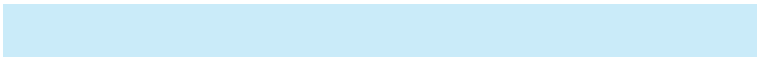
224.2710, -10.9796, 21.6873

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.



229.8630, -12.2575, 11.5211



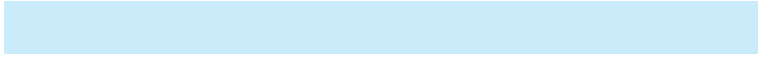
226.7290, 10.9796, -21.6873



231.6390, -5.7380, 20.4876

Square

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



226.7290, 10.9796, -21.6873



232.0750, 6.3720, 9.5812



231.0750, -10.3900, 19.2282



226.6260, -6.2246, -10.1960

Rectangle

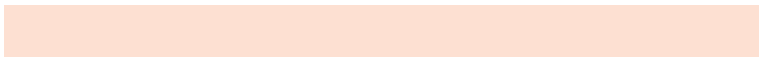
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



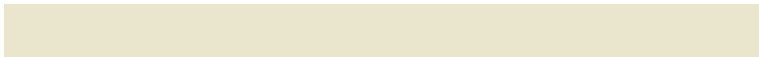
226.7290, 10.9796, -21.6873



230.0560, 11.8044, -6.1881



231.0750, -10.3900, 19.2282



228.3460, -11.5096, 4.9586

Sweetspot

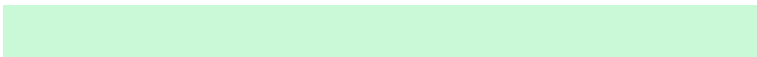
The Sweet Spot groups the original color and five complimentary colors.



226.7290, 10.9796, -21.6873



247.5800, 3.6581, -6.6477



231.0710, -7.9230, -25.4953



123.5480, 2.1948, -3.9886



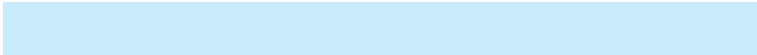
0.0000, 0.0000, 0.0000



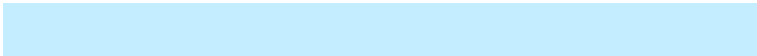
128.0000, 0.0000, 0.0000

Same Dimension

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



226.7290, 10.9796, -21.6873



227.3800, 13.6167, -27.5203



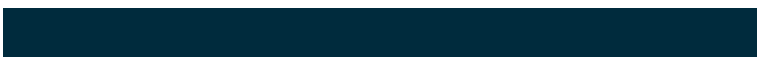
213.2280, 17.6356, -9.8470



118.7650, 3.0739, -5.9329



99.0300, 44.3552, -86.8493



32.1950, 14.2009, -28.2350

Inverse Universe

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



219.8150, 7.4862, 25.5952



218.4290, 9.6485, 32.0728



237.7720, -17.6356, 9.8470



116.9130, 2.0149, 7.0923



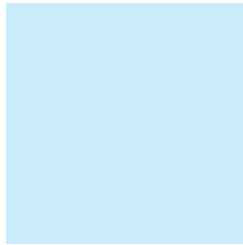
71.5590, 29.7974, 102.9958



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 226.7290, 10.9796, -21.6873 looks on a white background.

Color Contrast Check

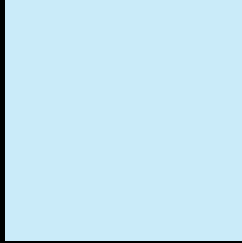
Large Text (above 18pt) WCAG AA × Fail

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 226.7290, 10.9796, -21.6873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

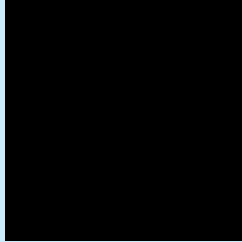
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.7290, 10.9796, -21.6873

Background



This preview shows how black text looks on a background with the YUV color 226.7290, 10.9796, -21.6873.



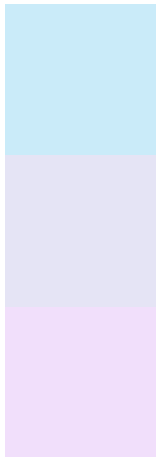
This preview shows how white text looks on a background with the YUV color 226.7290, 10.9796, -21.6873.

-21.6873.

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

226.7290, 10.9796, -21.6873

Protanopia

230.2370, 7.2782, -1.0848

Deuteranopia

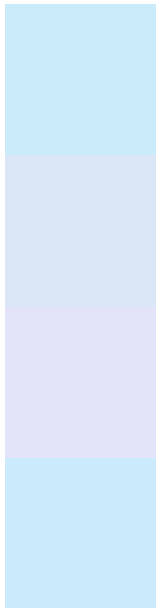
231.5740, 9.5770, 8.2666



Tritanopia

226.8970, 12.8688, -20.9577

Trichromacy



Original Color

226.7290, 10.9796, -21.6873

Protanomaly

229.1220, 8.3209, -8.8770

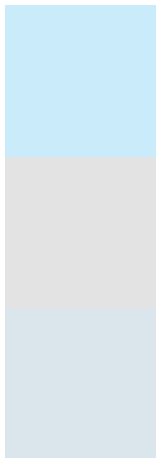
Deuteranomaly

229.6220, 10.0464, -2.2995

Tritanomaly

226.7830, 12.4320, -20.8577

Monochromacy



Original Color

226.7290, 10.9796, -21.6873

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.9820, 3.9529, -7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7290, 10.9796, -21.6873 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(202, 235, 249)` looks like.

```
.text, #text, p{  
    color:rgb(202, 235, 249)  
}
```

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(202, 235, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 235, 249) }
```

Border

The CSS property to change the border of an element to YUV 226.7290, 10.9796, -21.6873 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(202, 235, 249) }
```


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

```
.border{ border-color:rgb(202, 235, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 235, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 235, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 235, 249);  
box-shadow:4px 4px 4px 4px rgb(202, 235,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 226.7290, 10.9796, -21.6873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 235, 249) }
```

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

```
.background{ background-color: rgb(202,  
235, 249) }
```

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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