

Converting Colors

YUV(226.1470, 13.7315,
-17.6689)

Have a look what the booklet for
YUV(226.1470, 13.7315, -17.6689)
contains.

YUV(226.1470, 13.7315, -17.6689)	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(226.1470, 13.7315,
-17.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE7FE
RGB	206, 231, 254
RGB Percent	81%, 91%, 100%
CMY	0.1922, 0.0941, 0.0039
CMYK	0.19, 0.09, 0.00, 0.00
HSL	209°, 96%, 90%
HSV	209°, 19%, 100%
XYZ	71.9189, 77.4294, 104.9208
YIQ	226.1470, -22.2830, 1.8530

Conversions

Conversions Part 2

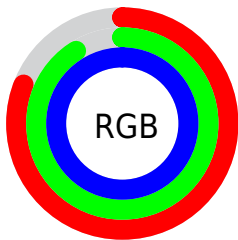
Format	Color
R _Y B	206, 222, 254
Decimal	13559806
CIE Lab	90.52, -3.51, -13.89
CIE LCh	91, 14.328, 255.815
Yxy	77.4294, 0.2828, 0.3045
Android (android.graphics.Color)	4291749886 (0xFFCEE7FE)
YUV	226.1470, 13.7315, -17.6689
Hunter-Lab	87.9940, -8.0985, -9.0994

Details

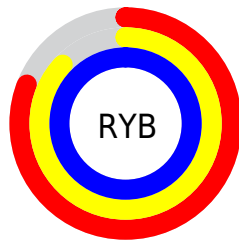
The YUV color **226.1470, 13.7315, -17.6689** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **233.8530, -13.7315, 17.6689**, and the grayscale version is **226.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **170.3320, 13.1473, -16.9542** is the 20% darker color. If you saturate the color by 10%, you get **211.6280, 20.8894, -26.8608**, and if you desaturate by 10%, it is **240.6660, 6.5737, -8.4771**.

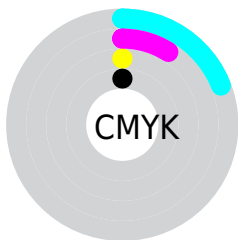
Distribution



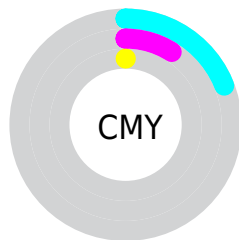
- Red (81%)
- Green (91%)
- Blue (100%)



- Red (81%)
- Yellow (87%)
- Blue (100%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.1470, 13.7315, -17.6689 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 226.1470, 13.7315, -17.6689 by changing the saturation by 10% instead.

■ 226.1470, 13.7315,
-17.6689

■ 226.1470, 13.7315,
-17.6689

255.0000, 0.0000,
0.0000

■ 198.0330, 13.2947,
-17.5689

■ 170.3320, 13.1473,
-16.9542

■ 144.2180, 12.7105,
-16.8542

■ 118.2180, 12.7105,
-16.8542

■ 93.4030, 12.1263,
-16.1394

■ 69.2890, 11.6895,
-16.0395

■ 46.5770, 11.5475,

-17.1690

■ 24.4520, 11.1162,
-18.8134

■ 6.0130, 10.3466,
-5.2734

■ 226.1470, 13.7315,
-17.6689

■ 226.1470, 13.7315,
-17.6689

■ 211.6280, 20.8894,
-26.8608

■ 240.6660, 6.5737,
-8.4771

■ 196.8100, 28.1947,
-36.6674

254.8860, -0.4368,
0.1000

■ 181.7040, 35.6419,
-45.3444

■ 166.8860, 42.9472,
-55.1510

■ 152.3670, 50.1051,
-64.3429

■ 137.8480, 57.2629,
-73.5347

■ 123.0300, 64.5682,
-83.3413

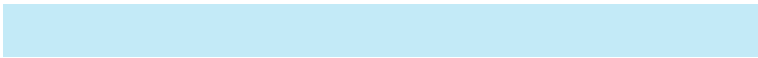
■ 108.5110, 71.7261,
-92.5331

■ 106.4400, 72.7471,
-93.3479

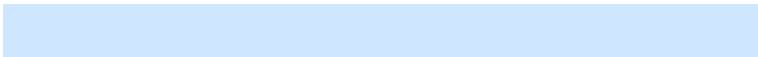
Harmonies

Analogous

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



223.8210, 11.4272, -25.2760



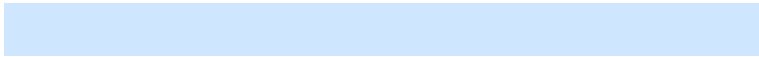
226.1470, 13.7315, -17.6689



228.5830, 12.5306, -5.7733

Triad

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



226.1470, 13.7315, -17.6689



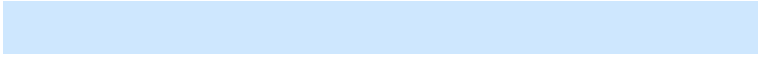
229.9920, -4.4331, 21.9320



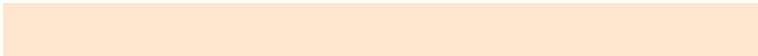
224.7680, -8.2666, -8.5665

Complementary

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



226.1470, 13.7315, -17.6689



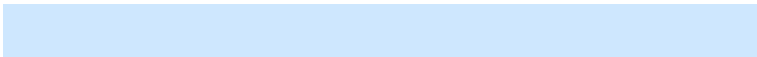
233.8530, -13.7315, 17.6689

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.



226.4060, -12.5252, 4.0289



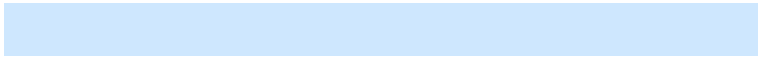
226.1470, 13.7315, -17.6689



229.7980, -10.2534, 22.1022

Square

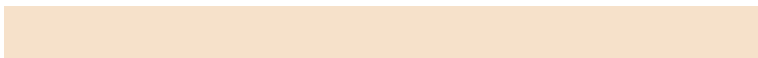
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.1470, 13.7315, -17.6689



230.6910, 2.1243, 18.6880



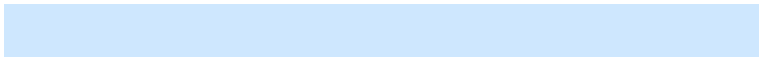
228.6570, -13.1419, 15.2098



224.1240, -1.5401, -19.4027

Rectangle

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



226.1470, 13.7315, -17.6689



229.3670, 10.1721, 4.0631



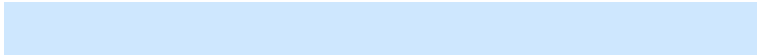
228.6570, -13.1419, 15.2098



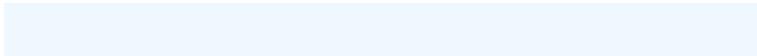
225.6330, -10.1721, -4.0631

Sweetspot

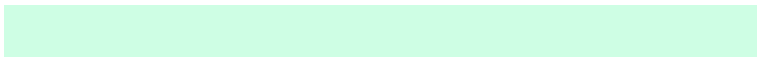
The Sweet Spot groups the original color and five complimentary colors.



226.1470, 13.7315, -17.6689



246.4060, 4.2368, -5.6181



236.6840, -4.2812, -26.9099



122.3740, 2.7736, -2.9590



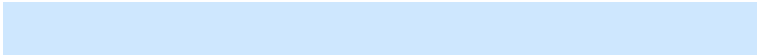
0.0000, 0.0000, 0.0000



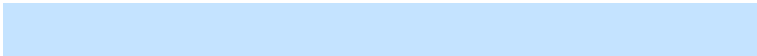
128.0000, 0.0000, 0.0000

Same Dimension

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



226.1470, 13.7315, -17.6689



220.9230, 16.8000, -21.8575



212.6460, 20.3875, -5.8285



120.0040, 3.9420, -4.3885



80.4740, 54.4893, -70.5757



26.6670, 18.4052, -23.3870

Inverse Universe

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



223.2020, 3.8444, 27.0098



217.1750, 4.8437, 33.1725



247.3540, -20.3875, 5.8285



119.5710, 0.7045, 7.3922



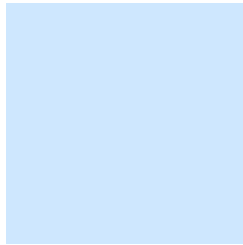
68.5090, 15.5251, 107.4246



22.8980, 4.9803, 36.0465

Previews

White Background



This preview shows how the YUV color 226.1470, 13.7315, -17.6689 looks on a white background.

Color Contrast Check

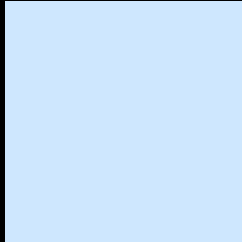
Large Text (above 18pt) WCAG AA × Fail

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 226.1470, 13.7315, -17.6689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

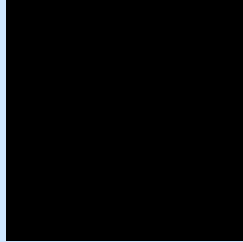
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

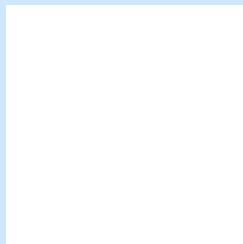
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.1470, 13.7315, -17.6689

Background



This preview shows how black text looks on a background with the YUV color 226.1470, 13.7315, -17.6689.



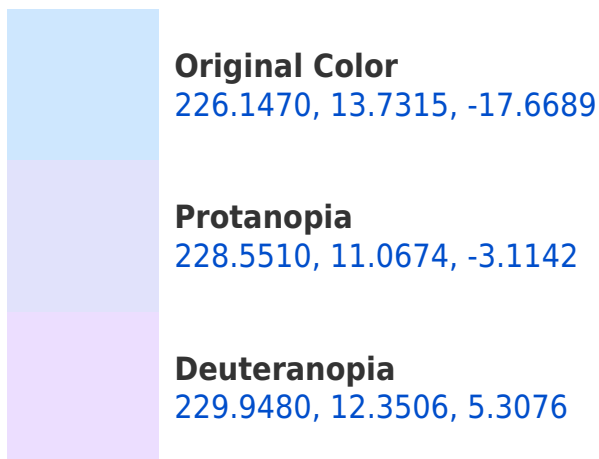
This preview shows how white text looks on a background with the YUV color 226.1470, 13.7315, -17.6689.

-17.6689.

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

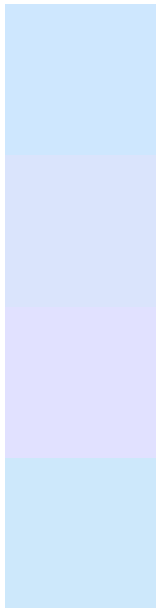




Tritanopia

225.9790, 11.8424, -18.3986

Trichromacy



Original Color

226.1470, 13.7315, -17.6689

Protanomaly

227.7460, 11.9572, -8.5472

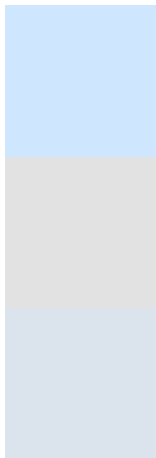
Deuteranomaly

228.4200, 13.1039, -2.9993

Tritanomaly

226.0930, 12.2792, -18.4986

Monochromacy



Original Color

226.1470, 13.7315, -17.6689

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.2210, 4.8210, -6.3328

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.1470, 13.7315, -17.6689 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(206, 231, 254)` looks like.

```
.text, #text, p{  
    color:rgb(206, 231, 254)  
}
```

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(206, 231, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 231, 254) }
```

Border

The CSS property to change the border of an element to YUV 226.1470, 13.7315, -17.6689 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(206, 231, 254) }
```


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

```
.border{ border-color:rgb(206, 231, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 231, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 231, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 231, 254);  
box-shadow:4px 4px 4px 4px rgb(206, 231,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 226.1470, 13.7315, -17.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 231, 254) }
```

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

```
.background{ background-color: rgb(206,  
231, 254) }
```

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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