

Converting Colors

YUV(228.1780, -0.0878,
-18.5731)

Have a look what the booklet for
YUV(228.1780, -0.0878, -18.5731)
contains.

YUV(228.1780, -0.0878, -18.5731)	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(228.1780, -0.0878,
-18.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	CFEFE4
RGB	207, 239, 228
RGB Percent	81%, 94%, 89%
CMY	0.1882, 0.0627, 0.1059
CMYK	0.13, 0.00, 0.05, 0.06
HSL	159°, 50%, 87%
HSV	159°, 13%, 94%
XYZ	70.6022, 80.5998, 85.2350
YIQ	228.1780, -15.5410, -10.2050

Conversions

Conversions Part 2

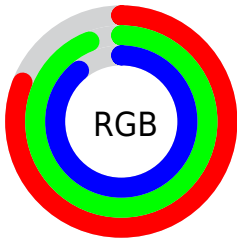
Format	Color
R _Y B	207, 226, 239
Decimal	13627364
CIE Lab	91.95, -12.49, 1.80
CIE LCh	92, 12.621, 171.791
Yxy	80.5998, 0.2986, 0.3409
Android (android.graphics.Color)	4291817444 (0xFFCFEFE4)
YUV	228.1780, -0.0878, -18.5731
Hunter-Lab	89.7774, -16.7356, 6.5541

Details

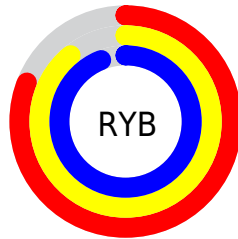
The YUV color $228.1780, -0.0878, -18.5731$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $217.8220, 0.0878, 18.5731$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.5910, 0.2016, -18.0583$ is the 20% darker color. If you saturate the color by 10%, you get $220.0900, -0.0444, -32.5279$, and if you desaturate by 10%, it is $236.2660, -0.1311, -4.6183$.

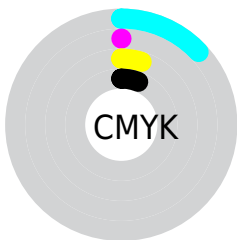
Distribution



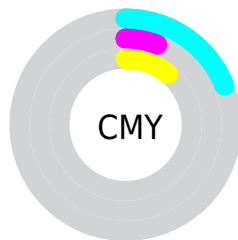
- Red (81%)
- Green (94%)
- Blue (89%)



- Red (81%)
- Yellow (89%)
- Blue (94%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)



- Cyan (19%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.1780, -0.0878, -18.5731 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 228.1780, -0.0878, -18.5731 by changing the saturation by 10% instead.

■ 228.1780, -0.0878,
-18.5731

■ 228.1780, -0.0878,
-18.5731

255.0000, 0.0000,
0.0000

■ 200.1780, -0.0878,
-18.5731

■ 172.5910, 0.2016,
-18.0583

■ 145.8900, 0.0542,
-17.4435

■ 120.1890, -0.0932,
-16.8288

■ 95.6020, 0.1962,
-16.3140

■ 71.6020, 0.1962,
-16.3140

■ 49.0150, 0.4856,

-15.7992

■ 27.1290, 0.9224,
-15.8991

■ 7.8590, -2.8885,
-6.8923

■ 228.1780, -0.0878,
-18.5731

■ 228.1780, -0.0878,
-18.5731

■ 220.0900, -0.0444,
-32.5279

■ 236.2660, -0.1311,
-4.6183

■ 212.0020, -0.0010,
-46.4828

■ 244.3540, -0.1745,
9.3365

■ 203.8000, -0.3944,
-60.3376

■ 245.3800, 3.7567,
8.4367

■ 195.7120, -0.3510,
-74.2924

■ 245.6080, 4.6303,
8.2368

■ 187.6240, -0.3076,
-88.2472

■ 179.8350, -0.4117,
-101.5873

■ 171.6330, -0.8051,
-115.4421

■ 163.5450, -0.7617,
-129.3970

■ 158.1910, -0.5872,
-138.7335

Harmonies

Analogous

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



229.0390, -5.9352, -9.6812



228.1780, -0.0878, -18.5731



228.0510, 5.8909, -22.8467

Triad

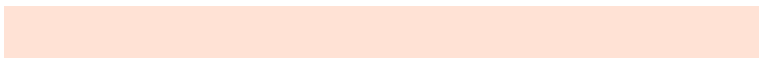
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.1780, -0.0878, -18.5731



232.7360, 10.4832, -2.3995



233.1890, -9.9532, 19.1282

Complementary

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



228.1780, -0.0878, -18.5731



217.8220, 0.0878, 18.5731

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.



233.1550, -5.0064, 19.1581



228.1780, -0.0878, -18.5731



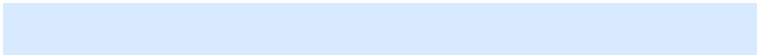
234.0750, 6.3720, 9.5812

Square

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



228.1780, -0.0878, -18.5731



231.0120, 11.8261, -13.1655



234.6370, 0.6720, 17.8584



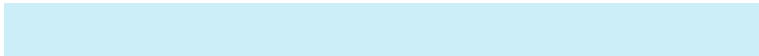
231.9770, -11.8207, 11.4212

Rectangle

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



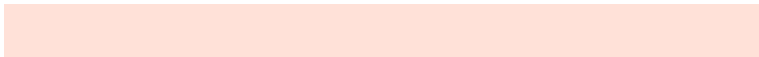
228.1780, -0.0878, -18.5731



228.6750, 9.5272, -22.5170



234.6370, 0.6720, 17.8584



232.9440, -8.3534, 19.3431

Sweetspot

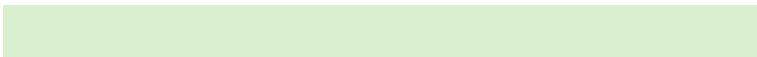
The Sweet Spot groups the original color and five complimentary colors.



228.1780, -0.0878, -18.5731



251.5540, -0.2731, -5.7479



229.0730, -10.8820, -9.7110



125.5650, -0.2785, -4.0035



0.0000, 0.0000, 0.0000



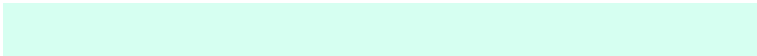
128.0000, 0.0000, 0.0000

Same Dimension

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



228.1780, -0.0878, -18.5731



241.1450, -0.0715, -23.8062



226.4970, 6.1640, -17.0989



115.9560, 0.0217, -6.9774



121.6880, -0.8322, -106.7204



37.0900, -0.0444, -32.5279

Inverse Universe

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



217.8220, 0.0878, 18.5731



227.8550, 0.0715, 23.8062



219.5030, -6.1640, 17.0989



112.0440, -0.0217, 6.9774



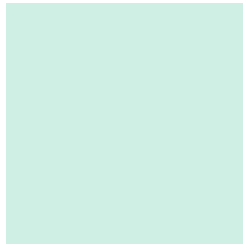
62.1980, 0.3954, 106.8204



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 228.1780, -0.0878, -18.5731 looks on a white background.

Color Contrast Check

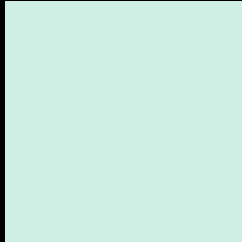
Large Text (above 18pt) WCAG AA × Fail

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 228.1780, -0.0878, -18.5731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

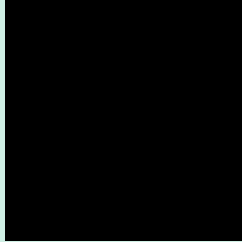
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

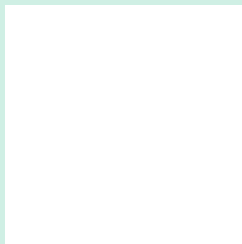
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.1780, -0.0878, -18.5731

Background



This preview shows how black text looks on a background with the YUV color 228.1780, -0.0878, -18.5731.



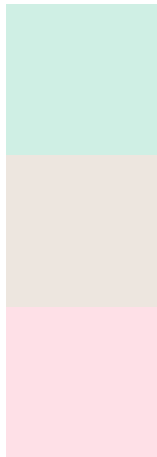
This preview shows how white text looks on a background with the YUV color 228.1780, -0.0878,

-18.5731.

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

228.1780, -0.0878, -18.5731

Protanopia

231.2950, -4.0894, 5.0033

Deuteranopia

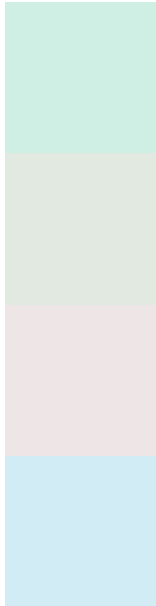
233.7680, -1.3646, 17.7435



Tritanopia

230.2890, 11.6895, -16.0395

Trichromacy



Original Color

228.1780, -0.0878, -18.5731

Protanomaly

229.9950, -2.4625, -3.5036

Deuteranomaly

231.5060, -0.7425, 4.8182

Tritanomaly

229.2520, 7.7638, -16.8840

Monochromacy



Original Color

228.1780, -0.0878, -18.5731

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.9560, 0.0217, -6.9774

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.1780, -0.0878, -18.5731 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(207, 239, 228)` looks like.

```
.text, #text, p{  
    color:rgb(207, 239, 228)  
}
```

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(207, 239, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 239, 228) }
```

Border

The CSS property to change the border of an element to YUV 228.1780, -0.0878, -18.5731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

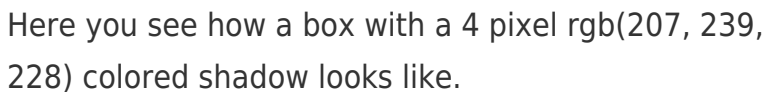
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 239, 228) }
```


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

```
.border{ border-color:rgb(207, 239, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 239, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 239, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 239, 228); box-shadow:4px 4px 4px 4px rgb(207, 239, 228) }
```

Background

The CSS property to change the background color of an element to YUV 228.1780, -0.0878, -18.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 239, 228) }
```

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

```
.background{ background-color: rgb(207,  
239, 228) }
```

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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