

Converting Colors

YUV(229.4060, 0.7858,
-18.7731)

Have a look what the booklet for
YUV(229.4060, 0.7858, -18.7731)
contains.

YUV(229.4060, 0.7858, -18.7731)	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(229.4060, 0.7858,
-18.7731)**

Conversions

Conversions Part 1

Format	Color
Hex	D0F0E7
RGB	208, 240, 231
RGB Percent	82%, 94%, 91%
CMY	0.1843, 0.0588, 0.0941
CMYK	0.13, 0.00, 0.04, 0.06
HSL	163°, 52%, 88%
HSV	163°, 13%, 94%
XYZ	71.5963, 81.4996, 87.5588
YIQ	229.4060, -16.1830, -9.5830

Conversions

Conversions Part 2

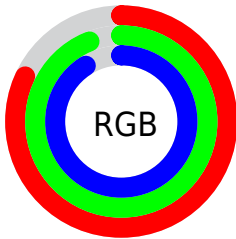
Format	Color
R _{YB}	208, 227, 240
Decimal	13693159
CIE _{Lab}	92.35, -12.10, 0.83
CIE _{LCh}	92, 12.130, 176.067
Y _{xy}	81.4996, 0.2975, 0.3387
Android (android.graphics.Color)	4291883239 (0xFFD0F0E7)
Y _{UV}	229.4060, 0.7858, -18.7731
Hunter-Lab	90.2771, -16.4215, 5.6893

Details

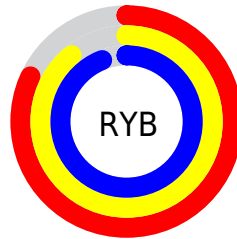
The YUV color $229.4060, 0.7858, -18.7731$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $218.5940, -0.7858, 18.7731$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.7050, 0.6384, -18.1583$ is the 20% darker color. If you saturate the color by 10%, you get $221.4320, 1.2660, -32.8279$, and if you desaturate by 10%, it is $237.3800, 0.3057, -4.7183$.

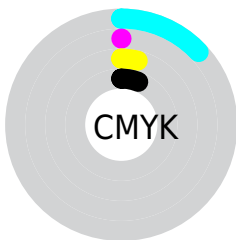
Distribution



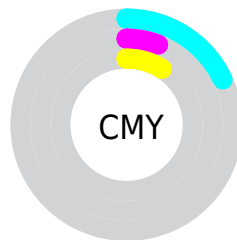
- Red (82%)
- Green (94%)
- Blue (91%)



- Red (82%)
- Yellow (89%)
- Blue (94%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (18%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.4060, 0.7858, -18.7731 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 229.4060, 0.7858, -18.7731 by changing the saturation by 10% instead.

■ 229.4060, 0.7858,
-18.7731

■ 229.4060, 0.7858,
-18.7731

255.0000, 0.0000,
0.0000

■ 201.4060, 0.7858,
-18.7731

■ 173.7050, 0.6384,
-18.1583

■ 147.1180, 0.9278,
-17.6435

■ 121.4170, 0.7804,
-17.0287

■ 96.4170, 0.7804,
-17.0287

■ 72.1290, 0.9224,
-15.8991

■ 49.5420, 1.2118,

-15.3843

■ 28.2430, 1.3592,
-15.9991

■ 10.0760, -2.0095,
-8.8367

■ 229.4060, 0.7858,
-18.7731

■ 229.4060, 0.7858,
-18.7731

■ 221.4320, 1.2660,
-32.8279

■ 237.3800, 0.3057,
-4.7183

■ 213.4580, 1.7462,
-46.8827

■ 244.9410, -0.4639,
8.8217

■ 205.5980, 2.6632,
-61.0374

■ 245.7390, 2.5937,
8.1219

■ 197.6240, 3.1434,
-75.0922

■ 246.1950, 4.3409,
7.7220

■ 189.6500, 3.6235,
-89.1471

■ 181.6760, 4.1037,
-103.2019

■ 173.8160, 5.0207,
-117.3566

■ 165.8420, 5.5009,
-131.4114

■ 160.4880, 5.6754,
-140.7480

Harmonies

Analogous

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



229.9680, -4.9142, -10.4959



229.4060, 0.7858, -18.7731



229.5780, 6.6170, -22.4319

Triad

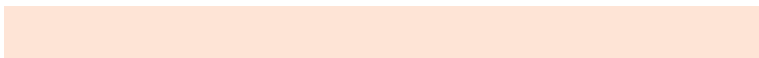
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.4060, 0.7858, -18.7731



234.5190, 9.6041, -0.4552



234.1780, -9.9478, 17.3839

Complementary

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



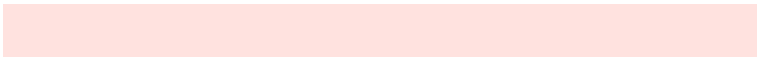
229.4060, 0.7858, -18.7731



218.5940, -0.7858, 18.7731

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.



234.3290, -5.5852, 18.1285



229.4060, 0.7858, -18.7731



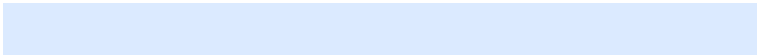
235.1460, 5.3510, 10.3960

Square

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



229.4060, 0.7858, -18.7731



231.9090, 11.3839, -11.3212



235.1100, -0.0542, 17.4435



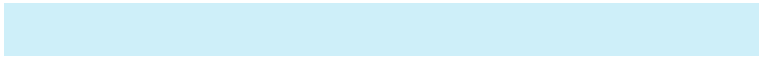
233.3790, -11.5258, 10.1916

Rectangle

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



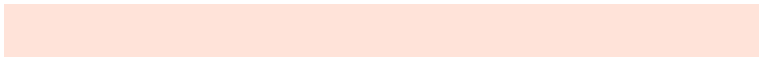
229.4060, 0.7858, -18.7731



230.2730, 9.2324, -21.2874



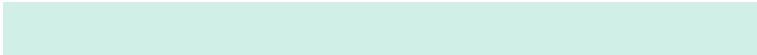
235.1100, -0.0542, 17.4435



234.2320, -8.4954, 18.2135

Sweetspot

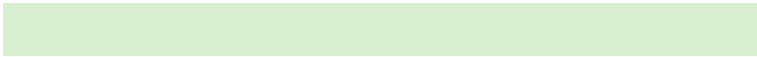
The Sweet Spot groups the original color and five complimentary colors.



229.4060, 0.7858, -18.7731



251.6680, 0.1637, -5.8478



229.4750, -10.5872, -10.9406



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



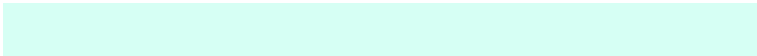
128.0000, 0.0000, 0.0000

Same Dimension

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



229.4060, 0.7858, -18.7731



241.4870, 1.2389, -24.1061



226.3230, 6.7428, -16.0693



115.9560, 0.0217, -6.9774



123.0560, 4.4094, -107.9201



37.4320, 1.2660, -32.8279

Inverse Universe

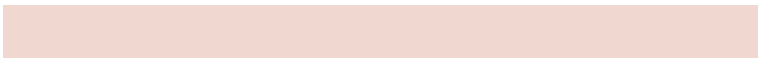
The Inverse Universe completely reimagines the original color for something new.



218.5940, -0.7858, 18.7731



227.6270, -0.8021, 24.0061



221.6770, -6.7428, 16.0693



111.9300, -0.4585, 7.0774



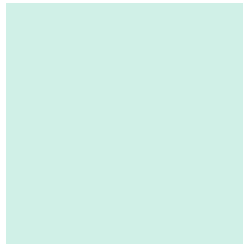
60.9440, -4.4094, 107.9201



18.5680, -1.2660, 32.8279

Previews

White Background



This preview shows how the YUV color 229.4060, 0.7858, -18.7731 looks on a white background.

Color Contrast Check

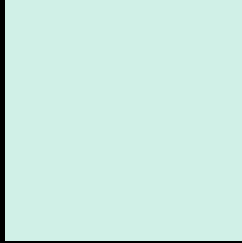
Large Text (above 18pt) WCAG AA × Fail

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 229.4060, 0.7858, -18.7731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

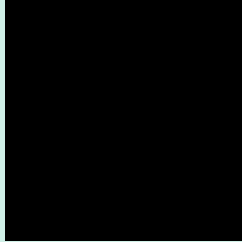
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

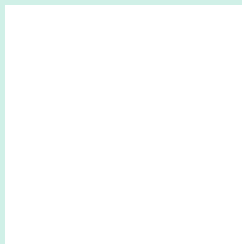
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.4060, 0.7858, -18.7731

Background



This preview shows how black text looks on a background with the YUV color 229.4060, 0.7858, -18.7731.



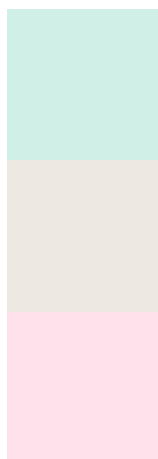
This preview shows how white text looks on a background with the YUV color 229.4060, 0.7858, -18.7731.

-18.7731.

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

229.4060, 0.7858, -18.7731

Protanopia

233.1100, -3.5052, 4.2885

Deuteranopia

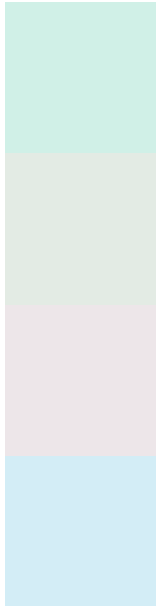
234.6970, -0.3436, 16.9287



Tritanopia

230.9900, 11.8369, -16.6542

Trichromacy



Original Color

229.4060, 0.7858, -18.7731

Protanomaly

231.8100, -1.8783, -4.2184

Deuteranomaly

232.4350, 0.2785, 4.0035

Tritanomaly

230.2520, 7.7638, -16.8840

Monochromacy



Original Color

229.4060, 0.7858, -18.7731

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.0700, 0.4585, -7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.4060, 0.7858, -18.7731 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(208, 240, 231)` looks like.

```
.text, #text, p{  
    color:rgb(208, 240, 231)  
}
```

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(208, 240, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 240, 231) }
```

Border

The CSS property to change the border of an element to YUV 229.4060, 0.7858, -18.7731 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(208, 240, 231) }
```


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

```
.border{ border-color:rgb(208, 240, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 240, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 240, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 240, 231);  
box-shadow:4px 4px 4px 4px rgb(208, 240,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 229.4060, 0.7858, -18.7731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 240, 231) }
```

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

```
.background{ background-color: rgb(208,  
240, 231) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor