

Converting Colors

YUV(224.1180, 0.9278,
-17.6435)

Have a look what the booklet for
YUV(224.1180, 0.9278, -17.6435)
contains.

YUV(224.1180, 0.9278, -17.6435)	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(224.1180, 0.9278,
-17.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	CCEAE2
RGB	204, 234, 226
RGB Percent	80%, 92%, 89%
CMY	0.2000, 0.0824, 0.1137
CMYK	0.13, 0.00, 0.03, 0.08
HSL	164°, 42%, 86%
HSV	164°, 13%, 92%
XYZ	68.0521, 77.1740, 83.2608
YIQ	224.1180, -15.3120, -8.8480

Conversions

Conversions Part 2

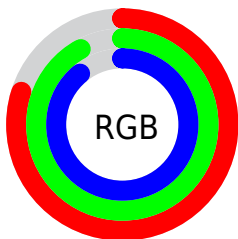
Format	Color
RYB	204, 221, 234
Decimal	13429474
CIELab	90.40, -11.32, 0.56
CIELCh	90, 11.336, 177.163
Yxy	77.1740, 0.2978, 0.3378
Android (android.graphics.Color)	4291619554 (0xFFCCEAE2)
YUV	224.1180, 0.9278, -17.6435
Hunter-Lab	87.8487, -15.4600, 5.3005

Details

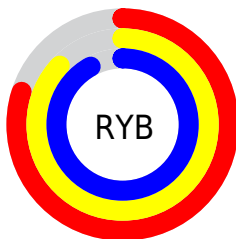
The YUV color $224.1180, 0.9278, -17.6435$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $213.8820, -0.9278, 17.6435$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $168.8300, 1.0698, -16.5139$ is the 20% darker color. If you saturate the color by 10%, you get $216.5570, 1.6974, -31.1835$, and if you desaturate by 10%, it is $231.6790, 0.1583, -4.1035$.

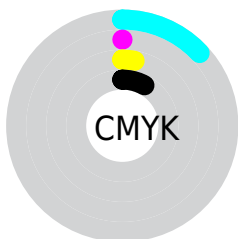
Distribution



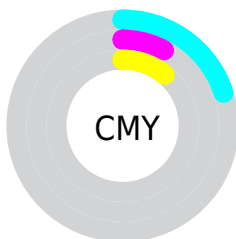
- Red (80%)
- Green (92%)
- Blue (89%)



- Red (80%)
- Yellow (87%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.1180, 0.9278, -17.6435 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 224.1180, 0.9278, -17.6435 by changing the saturation by 10% instead.

■ 224.1180, 0.9278,
-17.6435

■ 224.1180, 0.9278,
-17.6435

255.0000, 0.0000,
0.0000

■ 196.1180, 0.9278,
-17.6435

■ 168.8300, 1.0698,
-16.5139

■ 142.7160, 0.6330,
-16.4139

■ 116.8300, 1.0698,
-16.5139

■ 92.1290, 0.9224,
-15.8991

■ 68.4280, 0.7750,
-15.2844

■ 45.8410, 1.0644,

-14.7696

■ 23.9550, 1.5012,
-14.8695

■ 1.7610, -0.8682,
-1.5444

■ 224.1180, 0.9278,
-17.6435

■ 224.1180, 0.9278,
-17.6435

■ 216.5570, 1.6974,
-31.1835

■ 231.6790, 0.1583,
-4.1035

■ 208.6970, 2.6144,
-45.3383

■ 239.5390, -0.7587,
10.0513

■ 201.0220, 2.9472,
-58.7783

■ 241.5330, 1.7092,
11.8106

■ 193.1620, 3.8641,
-72.9331

■ 242.2170, 4.3300,
11.2107

■ 185.6010, 4.6337,
-86.4731

■ 242.6730, 6.0772,
10.8108

■ 178.0400, 5.4033,
-100.0131

■ 170.0660, 5.8835,
-114.0679

■ 162.5050, 6.6530,
-127.6079

■ 156.9660, 7.4118,
-137.6592

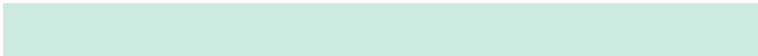
Harmonies

Analogous

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



224.9680, -4.9142, -10.4959



224.1180, 0.9278, -17.6435



224.4750, 6.1748, -20.5876

Triad

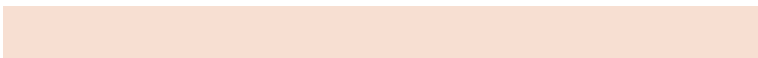
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.1180, 0.9278, -17.6435



228.7040, 9.0199, 0.2596



228.6940, -9.2161, 16.0544

Complementary

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



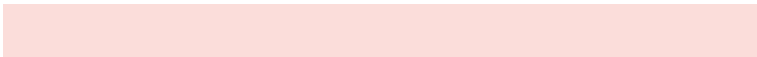
224.1180, 0.9278, -17.6435



213.8820, -0.9278, 17.6435

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.



229.6280, -5.7326, 18.7432



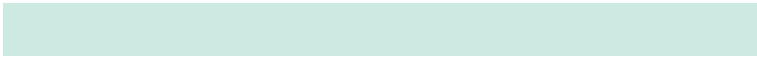
224.1180, 0.9278, -17.6435



229.6190, 4.6248, 9.9811

Square

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



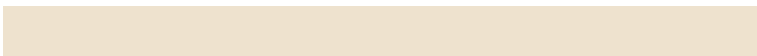
224.1180, 0.9278, -17.6435



227.0940, 10.7997, -10.6064



229.6970, -0.3436, 16.9287



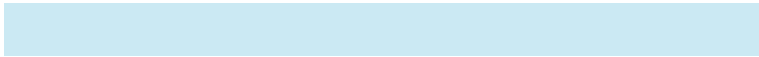
227.3080, -10.5048, 9.3769

Rectangle

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



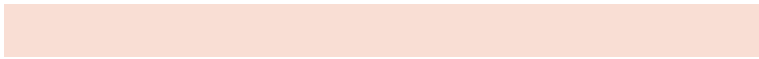
224.1180, 0.9278, -17.6435



225.1700, 8.7902, -19.4431



229.6970, -0.3436, 16.9287



228.9330, -8.3480, 17.5988

Sweetspot

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



224.1180, 0.9278, -17.6435



251.6680, 0.1637, -5.8478



224.0020, -9.8610, -10.5258



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



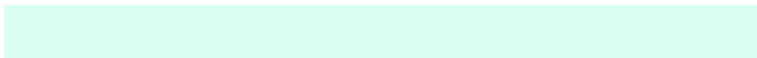
128.0000, 0.0000, 0.0000

Same Dimension

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



224.1180, 0.9278, -17.6435



242.4980, 1.2335, -22.3617



220.9210, 6.4479, -14.8397



113.3690, 0.3111, -6.4626



121.4090, 5.7144, -106.4757



36.1440, 1.4080, -31.6983

Inverse Universe

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



213.8820, -0.9278, 17.6435



229.5020, -1.2335, 22.3617



217.0790, -6.4479, 14.8397



109.6310, -0.3111, 6.4626



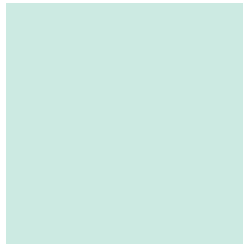
59.5910, -5.7144, 106.4757



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 224.1180, 0.9278, -17.6435 looks on a white background.

Color Contrast Check

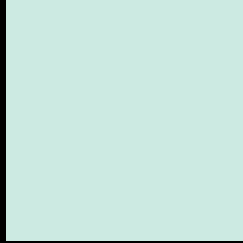
Large Text (above 18pt) WCAG AA × Fail

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 224.1180, 0.9278, -17.6435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

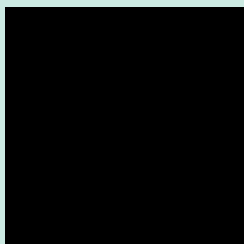
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

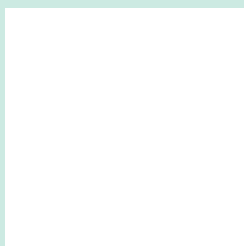
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 224.1180, 0.9278, -17.6435

Background



This preview shows how black text looks on a background with the YUV color 224.1180, 0.9278, -17.6435.



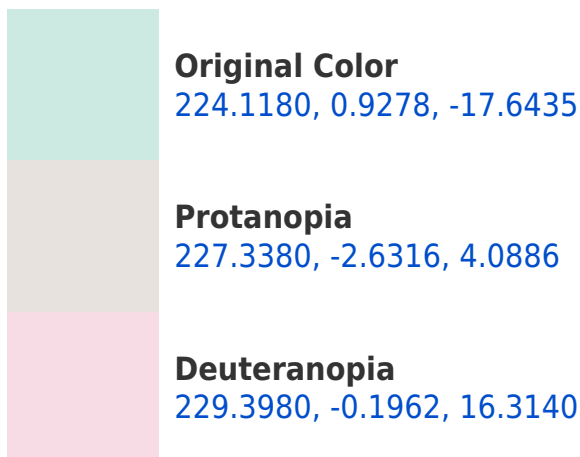
This preview shows how white text looks on a background with the YUV color 224.1180, 0.9278, -17.6435.

-17.6435.

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

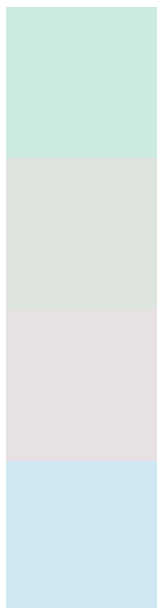




Tritanopia

226.1750, 11.2527, -15.9395

Trichromacy



Original Color

224.1180, 0.9278, -17.6435

Protanomaly

226.2230, -1.5889, -3.7036

Deuteranomaly

227.4350, 0.2785, 4.0035

Tritanomaly

225.5510, 7.6164, -16.2692

Monochromacy



Original Color

224.1180, 0.9278, -17.6435

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.3690, 0.3111, -6.4626

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.1180, 0.9278, -17.6435 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(204, 234, 226)` looks like.

```
.text, #text, p{  
    color:rgb(204, 234, 226)  
}
```

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(204, 234, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 234, 226) }
```

Border

The CSS property to change the border of an element to YUV 224.1180, 0.9278, -17.6435 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(204, 234, 226) }
```


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

```
.border{ border-color:rgb(204, 234, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 234, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 234, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 234, 226);  
box-shadow:4px 4px 4px 4px rgb(204, 234,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 224.1180, 0.9278, -17.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 234, 226) }
```

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

```
.background{ background-color: rgb(204,  
234, 226) }
```

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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