

Converting Colors

YUV(214.7470, 3.5757,
-26.9651)

Have a look what the booklet for
YUV(214.7470, 3.5757, -26.9651)
contains.

YUV(214.7470, 3.5757, -26.9651)	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(214.7470, 3.5757,
-26.9651)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E5DE
RGB	184, 229, 222
RGB Percent	72%, 90%, 87%
CMY	0.2784, 0.1020, 0.1294
CMYK	0.20, 0.00, 0.03, 0.10
HSL	171°, 46%, 81%
HSV	171°, 20%, 90%
XYZ	60.9713, 71.5029, 79.6952
YIQ	214.7470, -24.5730, -11.7170

Conversions

Conversions Part 2

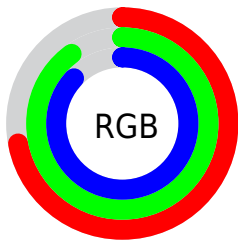
Format	Color
RYB	184, 208, 229
Decimal	12117470
CIELab	87.73, -15.89, -1.40
CIELCh	88, 15.948, 185.031
Yxy	71.5029, 0.2874, 0.3370
Android (android.graphics.Color)	4290307550 (0xFFB8E5DE)
YUV	214.7470, 3.5757, -26.9651
Hunter-Lab	84.5594, -19.2720, 3.3122

Details

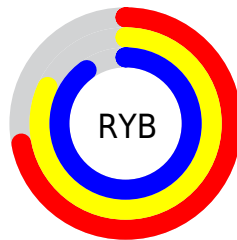
The YUV color $214.7470, 3.5757, -26.9651$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $198.2530, -3.5757, 26.9651$, and the grayscale version is $215.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, 2.0637, -8.6069$, and $159.4590, 3.7177, -25.8355$ is the 20% darker color. If you saturate the color by 10%, you get $207.4140, 5.2189, -40.7051$, and if you desaturate by 10%, it is $222.0800, 1.9326, -13.2252$.

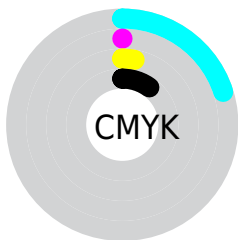
Distribution



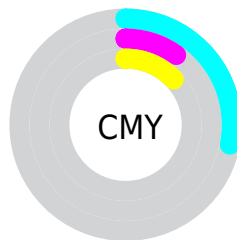
- Red (72%)
- Green (90%)
- Blue (87%)



- Red (72%)
- Yellow (82%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 214.7470, 3.5757, -26.9651 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 214.7470, 3.5757, -26.9651 by changing the saturation by 10% instead.

■ 214.7470, 3.5757,
-26.9651

■ 214.7470, 3.5757,
-26.9651

255.0000, 0.0000,
0.0000

■ 187.0460, 3.4283,
-26.3503

■ 250.8140, 2.0637,
-8.6069

■ 159.4590, 3.7177,
-25.8355

■ 133.4590, 3.7177,
-25.8355

■ 107.7580, 3.5703,
-25.2208

■ 83.1710, 3.8597,
-24.7060

■ 59.1710, 3.8597,
-24.7060

■ 35.9750, 4.4493,

-27.1651

■ 19.7590, 2.0908,
-17.3286

■ 0.0000, 0.0000,
0.0000

■ 214.7470, 3.5757,
-26.9651

■ 214.7470, 3.5757,
-26.9651

■ 207.4140, 5.2189,
-40.7051

■ 222.0800, 1.9326,
-13.2252

■ 200.1950, 7.2989,
-54.5450

■ 229.2990, -0.1474,
0.6148

■ 192.8620, 8.9420,
-68.2850

■ 236.6320, -1.7906,
14.3547

■ 185.6430, 11.0220,
-82.1249

■ 237.5720, -0.7750,
15.2844

■ 178.3100, 12.6652,
-95.8649

■ 238.0280, 0.9722,
14.8844

■ 171.3900, 14.5977,
-109.0900

■ 238.3700, 2.2826,
14.5845

■ 164.0570, 16.2409,
-122.8300

■ 238.8260, 4.0298,
14.1846

■ 156.8380, 18.3209,
-136.6699

■ 239.1680, 5.3402,
13.8847

■ 156.4250, 18.0315,
-137.1847

■ 239.6240, 7.0874,
13.4848

Harmonies

Analogous

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



216.0380, -4.4557, -17.5733



214.7470, 3.5757, -26.9651



214.9730, 10.8593, -29.7943

Triad

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



214.7470, 3.5757, -26.9651



221.7090, 11.4825, 3.7632



221.1630, -13.8844, 20.0280

Complementary

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



214.7470, 3.5757, -26.9651



198.2530, -3.5757, 26.9651

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.



222.3470, -9.5381, 26.0057



214.7470, 3.5757, -26.9651



222.7770, 5.0399, 16.8586

Square

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



214.7470, 3.5757, -26.9651



219.5330, 15.0202, -10.9914



223.1710, -2.5493, 24.4060



219.5700, -14.5780, 9.1471

Rectangle

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



214.7470, 3.5757, -26.9651



216.0920, 13.7586, -26.3907



223.1710, -2.5493, 24.4060



221.2280, -12.4374, 22.6020

Sweetspot

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



214.7470, 3.5757, -26.9651



250.2870, 1.3375, -9.0217



212.5080, -14.0544, -18.8625



125.0810, 0.4531, -5.3330



0.0000, 0.0000, 0.0000



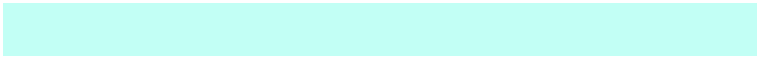
128.0000, 0.0000, 0.0000

Same Dimension

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



214.7470, 3.5757, -26.9651



235.6210, 4.6238, -36.5016



206.7400, 10.9742, -19.9430



111.1840, 0.8953, -7.1774



122.2870, 14.1555, -107.2457



34.8390, 4.0234, -30.5538

Inverse Universe

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



198.2530, -3.5757, 26.9651



213.2650, -5.0606, 36.6016



206.2600, -10.9742, 19.9430



106.8160, -0.8953, 7.1774



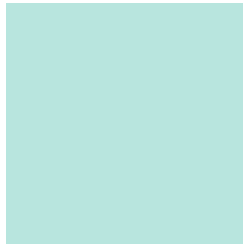
56.7130, -14.1555, 107.2457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 214.7470, 3.5757, -26.9651 looks on a white background.

Color Contrast Check

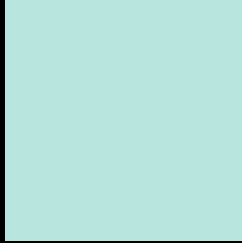
Large Text (above 18pt) WCAG AA × Fail

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 214.7470, 3.5757, -26.9651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

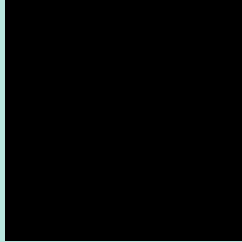
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

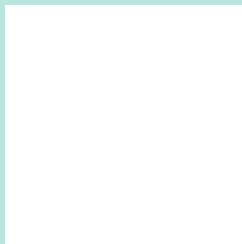
Any Text WCAG AAA ✓ Pass

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

YUV 214.7470, 3.5757, -26.9651 Background



This preview shows how black text looks on a background with the YUV color 214.7470, 3.5757, -26.9651.



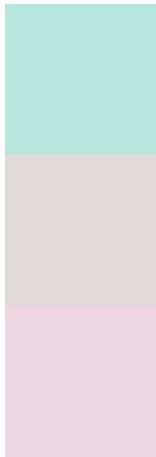
This preview shows how white text looks on a background with the YUV color 214.7470, 3.5757, -26.9651.

-26.9651.

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

214.7470, 3.5757, -26.9651

Protanopia

219.5660, -1.7580, 3.8886

Deuteranopia

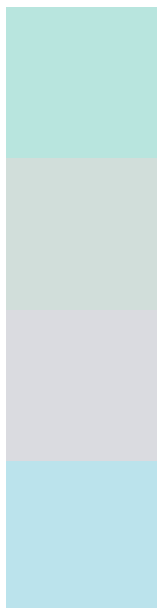
221.8430, 1.5564, 14.1697



Tritanopia

216.6900, 13.4638, -25.1611

Trichromacy



Original Color

214.7470, 3.5757, -26.9651

Protanomaly

217.6570, 0.1691, -7.5922

Deuteranomaly

219.2710, 2.3314, -1.1147

Tritanomaly

216.0660, 9.8275, -25.4909

Monochromacy



Original Color

214.7470, 3.5757, -26.9651

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

214.9880, 1.4849, -9.6365

CSS Examples

Text

The CSS property to change the color of the text to YUV 214.7470, 3.5757, -26.9651 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(184, 229, 222)` looks like.

```
.text, #text, p{  
    color:rgb(184, 229, 222)  
}
```

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(184, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 229, 222) }
```

Border

The CSS property to change the border of an element to YUV 214.7470, 3.5757, -26.9651 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(184, 229, 222) }
```


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

```
.border{ border-color:rgb(184, 229, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 229, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 229, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 229, 222);  
box-shadow:4px 4px 4px 4px rgb(184, 229,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 214.7470, 3.5757, -26.9651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 229, 222) }
```

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

```
.background{ background-color: rgb(184,  
229, 222) }
```

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