

Converting Colors

YUV(223.6670, -1.8078,
-26.8950)

Have a look what the booklet for
YUV(223.6670, -1.8078, -26.8950)
contains.

YUV(223.6670, -1.8078, -26.8950)	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(223.6670, -1.8078,
-26.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	C1F0DC
RGB	193, 240, 220
RGB Percent	76%, 94%, 86%
CMY	0.2431, 0.0588, 0.1373
CMYK	0.20, 0.00, 0.08, 0.06
HSL	154°, 61%, 85%
HSV	154°, 20%, 94%
XYZ	66.0707, 78.8249, 79.4426
YIQ	223.6670, -21.5920, -16.1840

Conversions

Conversions Part 2

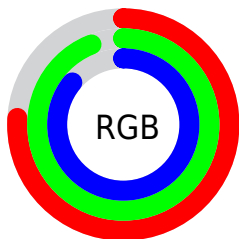
Format	Color
RYB	193, 223, 240
Decimal	12710108
CIELab	91.16, -18.95, 4.70
CIELCh	91, 19.528, 166.074
Yxy	78.8249, 0.2945, 0.3514
Android (android.graphics.Color)	4290900188 (0xFFC1F0DC)
YUV	223.6670, -1.8078, -26.8950
Hunter-Lab	88.7834, -22.5352, 9.0962

Details

The YUV color $223.6670, -1.8078, -26.8950$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $209.3330, 1.8078, 26.8950$, and the grayscale version is $224.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.5050, 0.7370, -3.0739$, and $168.3790, -1.6658, -25.7654$ is the 20% darker color. If you saturate the color by 10%, you get $215.3510, -2.6380, -40.6498$, and if you desaturate by 10%, it is $231.9830, -0.9776, -13.1401$.

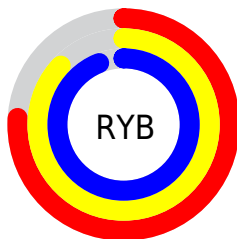
Distribution



Red (76%)

Green (94%)

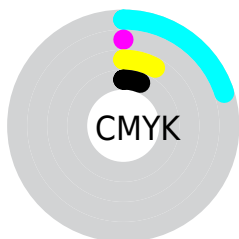
Blue (86%)



Red (76%)

Yellow (87%)

Blue (94%)

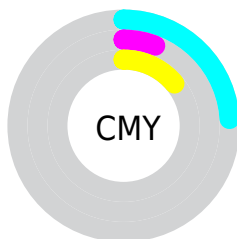


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (6%)



Cyan (24%)


Magenta (6%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 223.6670, -1.8078, -26.8950 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 223.6670, -1.8078, -26.8950 by changing the saturation by 10% instead.

 223.6670, -1.8078,
-26.8950


 223.6670, -1.8078,
-26.8950


255.0000, 0.0000,
0.0000


 195.9660, -1.9552,
-26.2802


 253.5050, 0.7370,
-3.0739

 168.3790, -1.6658,
-25.7654

 141.7920, -1.3765,
-25.2506

 116.0910, -1.5239,
-24.6358

 90.6180, -0.7977,
-24.2210

 66.6180, -0.7977,
-24.2210

 43.4330, -0.2135,

-24.9357

■ 23.7540, -0.3717,
-20.8323

■ 4.6960, -2.3151,
-4.1184

■ 223.6670, -1.8078,
-26.8950

■ 223.6670, -1.8078,
-26.8950

■ 215.3510, -2.6380,
-40.6498

■ 231.9830, -0.9776,
-13.1401

■ 207.0350, -3.4683,
-54.4047

■ 240.2990, -0.1474,
0.6148

■ 198.6050, -4.7353,
-68.0596

■ 245.7390, 2.5937,
8.1219

■ 190.2890, -5.5655,
-81.8145

■ 246.1950, 4.3409,
7.7220

■ 181.9730, -6.3957,
-95.5693

■ 173.6570, -7.2259,
-109.3242

■ 165.3410, -8.0561,
-123.0791

■ 156.9110, -9.3231,
-136.7339

■ 156.6120, -9.1757,
-137.3487

Harmonies

Analogous

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



225.6490, -11.1660, -11.9702



223.6670, -1.8078, -26.8950



223.1310, 7.8234, -36.0719

Triad

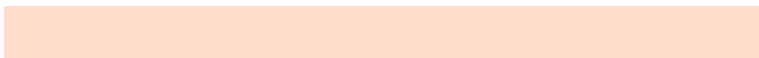
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



223.6670, -1.8078, -26.8950



229.2840, 12.6780, -6.3881



228.5270, -12.5848, 23.2168

Complementary

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



223.6670, -1.8078, -26.8950



209.3330, 1.8078, 26.8950

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.



228.7040, -4.2911, 23.0616



223.6670, -1.8078, -26.8950



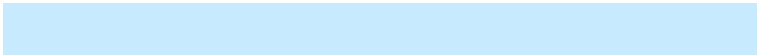
232.6390, 11.0240, 10.8406

Square

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



223.6670, -1.8078, -26.8950



225.9290, 14.3320, -23.6167



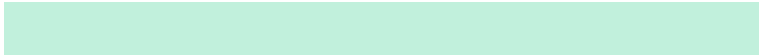
231.4570, 3.7187, 20.6472



229.8380, -17.6681, 20.3131

Rectangle

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



223.6670, -1.8078, -26.8950



223.6130, 13.5018, -37.3716



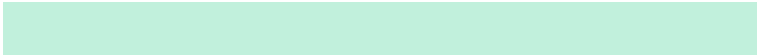
231.4570, 3.7187, 20.6472



228.5100, -10.1114, 23.2317

Sweetspot

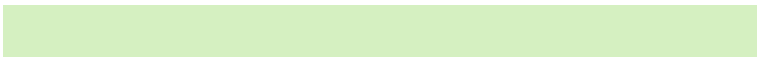
The Sweet Spot groups the original color and five complimentary colors.



223.6670, -1.8078, -26.8950



249.7170, -0.8465, -8.5218



226.5690, -16.5495, -11.9000



124.8530, -0.4205, -5.1331



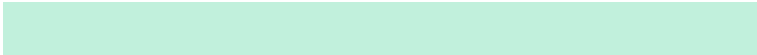
0.0000, 0.0000, 0.0000



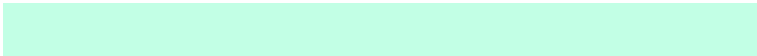
128.0000, 0.0000, 0.0000

Same Dimension

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



223.6670, -1.8078, -26.8950



233.7970, -2.3649, -34.9020



224.1860, 7.7963, -27.3501



115.8420, -0.4151, -6.8774



119.9780, -7.3842, -105.2207



36.5200, -2.2284, -32.0280

Inverse Universe

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



209.3330, 1.8078, 26.8950



215.2030, 2.3649, 34.9020



208.8140, -7.7963, 27.3501



112.1580, 0.4151, 6.8774



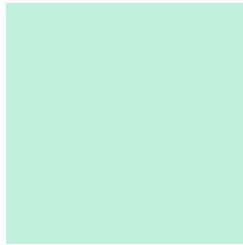
63.9080, 6.9474, 105.3207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 223.6670, -1.8078, -26.8950 looks on a white background.

Color Contrast Check

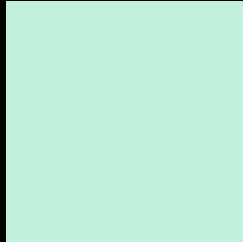
Large Text (above 18pt) WCAG AA × Fail

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 223.6670, -1.8078, -26.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

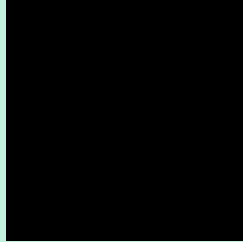
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

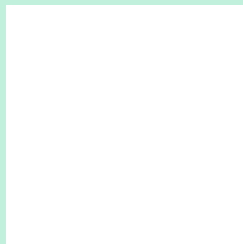
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 223.6670, -1.8078, -26.8950

Background



This preview shows how black text looks on a background with the YUV color 223.6670, -1.8078, -26.8950.



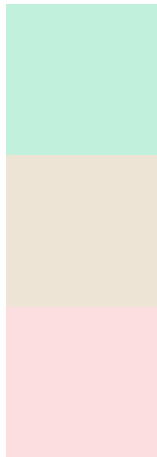
This preview shows how white text looks on a background with the YUV color 223.6670, -1.8078,

-26.8950.

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

223.6670, -1.8078, -26.8950

Protanopia

229.0950, -7.4418, 6.9327

Deuteranopia

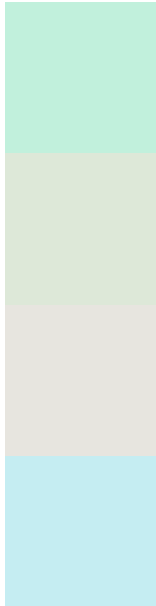
231.4970, -3.6960, 18.8581



Tritanopia

226.4020, 13.6058, -24.0316

Trichromacy



Original Color

223.6670, -1.8078, -26.8950

Protanomaly

226.8870, -5.3673, -5.1629

Deuteranomaly

228.9140, -2.9156, 1.8294

Tritanomaly

225.6100, 8.0803, -25.0910

Monochromacy



Original Color

223.6670, -1.8078, -26.8950

Achromatopsia

224.0000, 0.0000, 0.0000

Achromatomaly

224.1190, -0.5517, -9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 223.6670, -1.8078, -26.8950 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(193, 240, 220)` looks like.

```
.text, #text, p{  
    color:rgb(193, 240, 220)  
}
```

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(193, 240, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 240, 220) }
```

Border

The CSS property to change the border of an element to YUV 223.6670, -1.8078, -26.8950 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(193, 240, 220) }
```


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

```
.border{ border-color:rgb(193, 240, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 240, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 240, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 240, 220); box-shadow:4px 4px 4px 4px rgb(193, 240, 220) }
```

Background

The CSS property to change the background color of an element to YUV 223.6670, -1.8078, -26.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 240, 220) }
```

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

```
.background{ background-color: rgb(193,  
240, 220) }
```

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