

Converting Colors

YUV(219.0800, -1.5184,
-26.3802)

Have a look what the booklet for
YUV(219.0800, -1.5184, -26.3802)
contains.

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Color

**YUV(219.0800, -1.5184,
-26.3802)**

Conversions

Conversions Part 1

Format	Color
Hex	BDEBD8
RGB	189, 235, 216
RGB Percent	74%, 92%, 85%
CMY	0.2588, 0.0784, 0.1529
CMYK	0.20, 0.00, 0.08, 0.08
HSL	155°, 53%, 83%
HSV	155°, 20%, 92%
XYZ	63.0893, 75.1933, 76.1544
YIQ	219.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

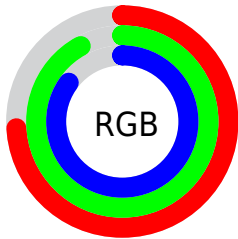
Format	Color
RYB	189, 218, 235
Decimal	12446680
CIELab	89.48, -18.51, 4.34
CIELCh	89, 19.015, 166.816
Yxy	75.1933, 0.2942, 0.3507
Android (android.graphics.Color)	4290636760 (0xFFBDEBD8)
YUV	219.0800, -1.5184, -26.3802
Hunter-Lab	86.7141, -21.8811, 8.6300

Details

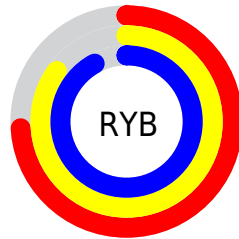
The YUV color **219.0800, -1.5184, -26.3802** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **204.9200, 1.5184, 26.3802**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, 1.3267, -5.5330**, and **163.7920, -1.3765, -25.2506** is the 20% darker color. If you saturate the color by 10%, you get **211.0630, -2.4961, -39.5203**, and if you desaturate by 10%, it is **227.0970, -0.5408, -13.2401**.

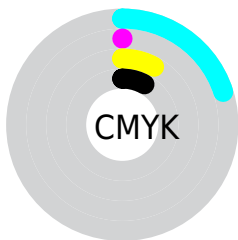
Distribution



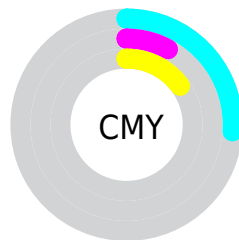
- Red (74%)
- Green (92%)
- Blue (85%)



- Red (74%)
- Yellow (85%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)




- Cyan (26%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.0800, -1.5184, -26.3802 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 219.0800, -1.5184, -26.3802 by changing the saturation by 10% instead.

 219.0800, -1.5184,
-26.3802

 219.0800, -1.5184,
-26.3802


255.0000, 0.0000,
0.0000


 191.3790, -1.6658,
-25.7654


 252.3090, 1.3267,
-5.5330

 163.7920, -1.3765,
-25.2506

 137.2050, -1.0871,
-24.7358

 111.6180, -0.7977,
-24.2210

 86.9170, -0.9451,
-23.6062

 63.0310, -0.5083,
-23.7062

 39.5470, 0.2233,

-25.0357

■ 21.6510, -0.8139,
-18.9879

■ 0.0000, 0.0000,
0.0000

■ 219.0800, -1.5184,
-26.3802

■ 219.0800, -1.5184,
-26.3802

■ 211.0630, -2.4961,
-39.5203

■ 227.0970, -0.5408,
-13.2401

■ 202.8610, -2.8895,
-53.3751

■ 235.2990, -0.1474,
0.6148

■ 194.8440, -3.8671,
-66.5152

■ 242.1200, 1.4198,
11.2958

■ 186.5280, -4.6973,
-80.2701

■ 243.2600, 5.7878,
10.2960

■ 178.5110, -5.6749,
-93.4101

■ 170.3090, -6.0683,
-107.2650

■ 162.2920, -7.0460,
-120.4051

■ 153.9760, -7.8762,
-134.1600

■ 153.6770, -7.7288,
-134.7747

Harmonies

Analogous

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



221.1760, -10.4398, -11.5554



219.0800, -1.5184, -26.3802



218.5440, 8.1128, -35.5571

Triad

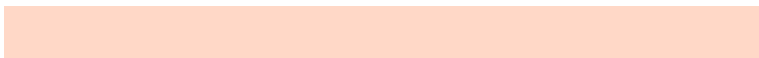
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.0800, -1.5184, -26.3802



225.1530, 14.7146, -6.2732



225.7230, -13.1744, 25.6759

Complementary

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



219.0800, -1.5184, -26.3802



204.9200, 1.5184, 26.3802

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.



225.7860, -5.3175, 25.6207



219.0800, -1.5184, -26.3802



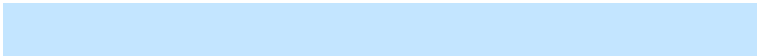
227.9380, 10.8766, 11.4554

Square

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



219.0800, -1.5184, -26.3802



221.7980, 16.3686, -23.5018



227.9520, 2.9817, 23.7211



225.2400, -17.3733, 19.0835

Rectangle

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



219.0800, -1.5184, -26.3802



218.6240, 13.4964, -35.6272



227.9520, 2.9817, 23.7211



225.1190, -10.4117, 26.2056

Sweetspot

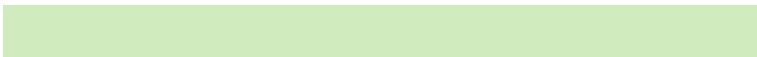
The Sweet Spot groups the original color and five complimentary colors.



219.0800, -1.5184, -26.3802



249.8310, -0.4097, -8.6218



221.6830, -16.1127, -12.0000



124.8530, -0.4205, -5.1331



0.0000, 0.0000, 0.0000



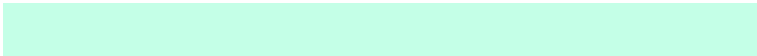
128.0000, 0.0000, 0.0000

Same Dimension

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



219.0800, -1.5184, -26.3802



234.6230, -1.7861, -33.8724



218.8980, 7.9383, -26.2205



113.1410, -0.5625, -6.2627



118.3310, -6.0792, -103.7763



35.2320, -2.0864, -30.8985

Inverse Universe

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



204.9200, 1.5184, 26.3802



216.4910, 2.2229, 33.7724



205.1020, -7.9383, 26.2205



109.7450, 0.1257, 6.3626



62.6690, 6.0792, 103.7763



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 219.0800, -1.5184, -26.3802 looks on a white background.

Color Contrast Check

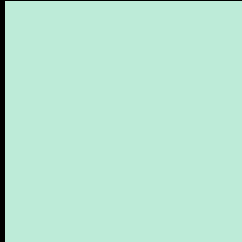
Large Text (above 18pt) WCAG AA × Fail

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 219.0800, -1.5184, -26.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

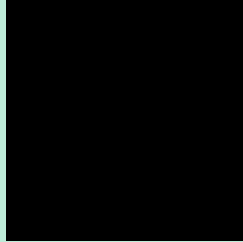
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

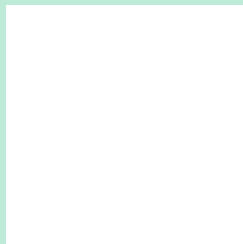
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.0800, -1.5184, -26.3802

Background



This preview shows how black text looks on a background with the YUV color 219.0800, -1.5184, -26.3802.



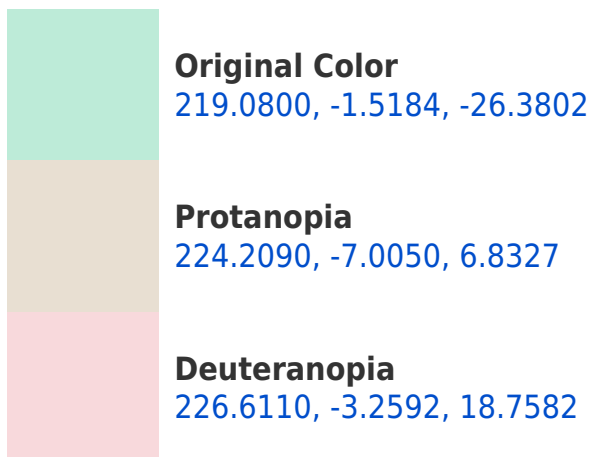
This preview shows how white text looks on a background with the YUV color 219.0800, -1.5184,

-26.3802.

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

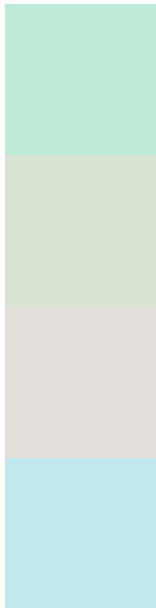




Tritanopia

221.7010, 13.4584, -23.4168

Trichromacy



Original Color

219.0800, -1.5184, -26.3802

Protanomaly

222.0010, -4.9305, -5.2629

Deuteranomaly

224.3270, -2.6262, 2.3442

Tritanomaly

220.9090, 7.9329, -24.4762

Monochromacy



Original Color

219.0800, -1.5184, -26.3802

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1190, -0.5517, -9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.0800, -1.5184, -26.3802 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(189, 235, 216)` looks like.

```
.text, #text, p{  
    color:rgb(189, 235, 216)  
}
```

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(189, 235, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 235, 216) }
```

Border

The CSS property to change the border of an element to YUV 219.0800, -1.5184, -26.3802 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(189, 235, 216) }
```


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

```
.border{ border-color:rgb(189, 235, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 235, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 235, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 235, 216);  
box-shadow:4px 4px 4px 4px rgb(189, 235,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 219.0800, -1.5184, -26.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 235, 216) }
```

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

```
.background{ background-color: rgb(189,  
235, 216) }
```

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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