

Converting Colors

YUV(218.4880, -3.6916,
-29.3690)

Have a look what the booklet for
YUV(218.4880, -3.6916, -29.3690)
contains.

| | |
|--|----|
| YUV(218.4880, -3.6916, -29.3690) | 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(218.4880, -3.6916,
-29.3690)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B9EDD3 |
| RGB | 185, 237, 211 |
| RGB Percent | 73%, 93%, 83% |
| CMY | 0.2745, 0.0706, 0.1725 |
| CMYK | 0.22, 0.00, 0.11, 0.07 |
| HSL | 150°, 59%, 83% |
| HSV | 150°, 22%, 93% |
| XYZ | 62.0496, 75.5858, 72.9472 |
| YIQ | 218.4880, -22.6460, -19.1100 |

Conversions

Conversions Part 2

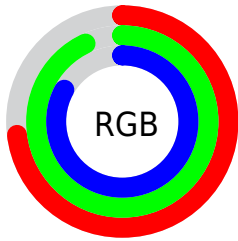
| Format | Color |
|-------------------------------------|---|
| RYB | 185, 220, 237 |
| Decimal | 12185043 |
| CIELab | 89.67, -21.71, 7.18 |
| CIELCh | 90, 22.869, 161.700 |
| Yxy | 75.5858, 0.2947, 0.3589 |
| Android (android.graphics.Color) | 4290375123 (0xFFB9EDD3) |
| YUV | 218.4880, -3.6916, -29.3690 |
| Hunter-Lab | 86.9401, -24.7487, 11.1107 |

Details

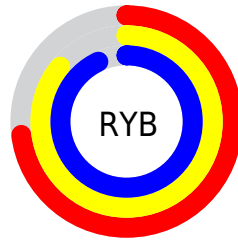
The YUV color $218.4880, -3.6916, -29.3690$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $203.5120, 3.6916, 29.3690$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.1130, 1.9163, -7.9921$, and $163.2000, -3.5496, -28.2394$ is the 20% darker color. If you saturate the color by 10%, you get $209.9440, -5.3954, -42.9239$, and if you desaturate by 10%, it is $227.0320, -1.9878, -15.8141$.

Distribution



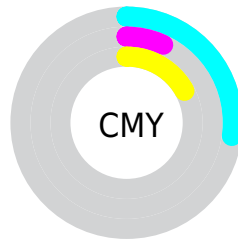
- Red (73%)
- Green (93%)
- Blue (83%)



- Red (73%)
- Yellow (86%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)





- Cyan (27%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the YUV color 218.4880, -3.6916, -29.3690 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 218.4880, -3.6916, -29.3690 by changing the saturation by 10% instead.

 218.4880, -3.6916,
-29.3690


 218.4880, -3.6916,
-29.3690

255.0000, 0.0000,
0.0000


 190.7870, -3.8390,
-28.7542


 251.1130, 1.9163,
-7.9921

 163.2000, -3.5496,
-28.2394

 136.6130, -3.2602,
-27.7246

 111.0260, -2.9708,
-27.2098

 86.1400, -2.5340,
-27.3098

 61.6670, -1.8078,
-26.8950

 37.6990, -0.3446,

-29.5540

■ 21.7820, -2.8505,
-19.1028

■ 0.0000, 0.0000,
0.0000

■ 218.4880, -3.6916,
-29.3690

■ 218.4880, -3.6916,
-29.3690

■ 209.9440, -5.3954,
-42.9239

■ 227.0320, -1.9878,
-15.8141

■ 201.6990, -7.2466,
-55.8640

■ 235.2770, -0.1366,
-2.8739

■ 193.1550, -8.9504,
-69.4189

■ 243.5220, 1.7147,
10.0662

■ 184.7250,
-10.2174, -83.0738

■ 244.4340, 5.2090,
9.2664

■ 176.1810,
-11.9212, -96.6287

■ 167.9360,
-13.7724, -109.5689

■ 159.3920,
-15.4763, -123.1238

■ 152.5710,
-17.0435, -133.8048

Harmonies

Analogous

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



221.1500, -14.3710, -10.6556



218.4880, -3.6916, -29.3690



216.7990, 7.9871, -41.9197

Triad

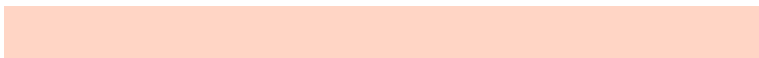
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.4880, -3.6916, -29.3690



223.9460, 15.3096, -10.4766



223.7340, -13.1799, 27.4203

Complementary

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



218.4880, -3.6916, -29.3690



203.5120, 3.6916, 29.3690

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.



224.2530, -3.5757, 26.9651



218.4880, -3.6916, -29.3690



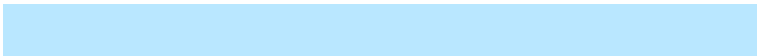
228.2090, 13.2080, 10.3407

Square

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



218.4880, -3.6916, -29.3690



219.9820, 17.2639, -30.6792



228.0490, 5.8918, 23.6360



225.7740, -20.5946, 25.6312

Rectangle

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



218.4880, -3.6916, -29.3690



217.0250, 15.2707, -44.7489



228.0490, 5.8918, 23.6360



223.8310, -10.2697, 27.3352

Sweetspot

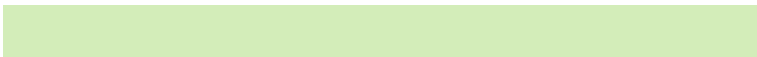
The Sweet Spot groups the original color and five complimentary colors.



218.4880, -3.6916, -29.3690



248.5920, -1.2779, -10.1662



223.2980, -18.8809, -10.7853



124.0270, -0.9993, -6.1627



0.0000, 0.0000, 0.0000



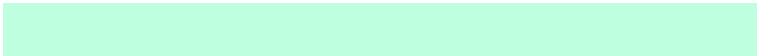
128.0000, 0.0000, 0.0000

Same Dimension

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



218.4880, -3.6916, -29.3690



231.5040, -4.6855, -37.2760



221.3380, 7.2284, -31.8684



113.0270, -0.9993, -6.1627



116.6210, -12.6312, -102.2766



34.7760, -3.8336, -30.4986

Inverse Universe

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



203.5120, 3.6916, 29.3690



212.4960, 4.6855, 37.2760



200.5480, -7.6652, 31.9684



109.8590, 0.5625, 6.2627



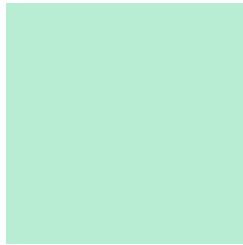
64.4930, 13.0680, 102.1766



19.2240, 3.8336, 30.4986

Previews

White Background



This preview shows how the YUV color 218.4880, -3.6916, -29.3690 looks on a white background.

Color Contrast Check

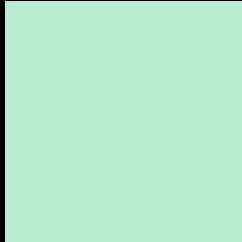
Large Text (above 18pt) WCAG AA × Fail

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 218.4880, -3.6916, -29.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

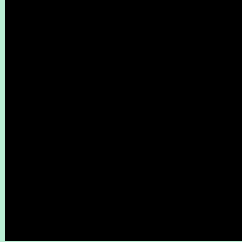
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

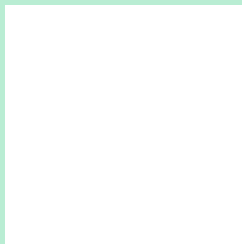
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 218.4880, -3.6916, -29.3690

Background



This preview shows how black text looks on a background with the YUV color 218.4880, -3.6916, -29.3690.



This preview shows how white text looks on a background with the YUV color 218.4880, -3.6916, -29.3690.

-29.3690.

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

218.4880, -3.6916, -29.3690

Protanopia

224.7100, -10.2100, 8.1473

Deuteranopia

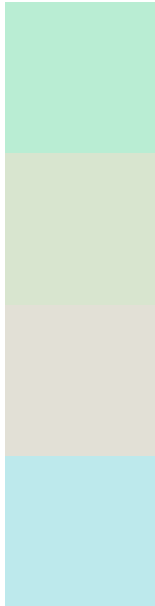
226.6390, -5.7380, 20.4876



Tritanopia

221.5050, 14.0480, -25.8759

Trichromacy



Original Color

218.4880, -3.6916, -29.3690

Protanomaly

222.6050, -7.6933, -5.7926

Deuteranomaly

223.4580, -4.6628, 2.2293

Tritanomaly

220.1860, 7.7963, -27.3501

Monochromacy



Original Color

218.4880, -3.6916, -29.3690

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.1790, -1.5672, -10.6810

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.4880, -3.6916, -29.3690 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(185, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(185, 237, 211)  
}
```

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(185, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 237, 211) }
```

Border

The CSS property to change the border of an element to YUV 218.4880, -3.6916, -29.3690 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(185, 237, 211) }
```


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

```
.border{ border-color:rgb(185, 237, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 237, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(185, 237,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 218.4880, -3.6916, -29.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 237, 211) }
```

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

```
.background{ background-color: rgb(185,  
237, 211) }
```

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