

Converting Colors

YUV(212.9680, 8.3968,
-33.2979)

Have a look what the booklet for
YUV(212.9680, 8.3968, -33.2979)
contains.

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Color

**YUV(212.9680, 8.3968,
-33.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE5E6
RGB	175, 229, 230
RGB Percent	69%, 90%, 90%
CMY	0.3137, 0.1020, 0.0980
CMYK	0.24, 0.00, 0.00, 0.10
HSL	181°, 52%, 79%
HSV	181°, 24%, 90%
XYZ	59.9814, 70.8658, 85.3800
YIQ	212.9680, -32.5050, -11.1370

Conversions

Conversions Part 2

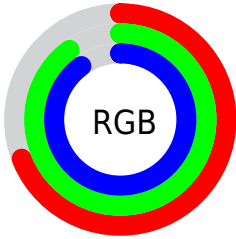
Format	Color
RYB	175, 202, 230
Decimal	11527654
CIELab	87.42, -16.90, -6.12
CIELCh	87, 17.975, 199.902
Yxy	70.8658, 0.2774, 0.3277
Android (android.graphics.Color)	4289717734 (0xFFAFE5E6)
YUV	212.9680, 8.3968, -33.2979
Hunter-Lab	84.1818, -20.1329, -1.2067

Details

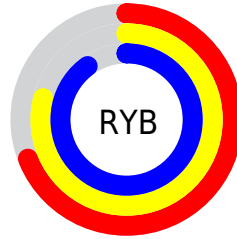
The YUV color $212.9680, 8.3968, -33.2979$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $192.0320, -8.3968, 33.2979$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.1230, 3.3904, -14.1399$, and $157.6800, 8.5388, -32.1684$ is the 20% darker color. If you saturate the color by 10%, you get $206.0910, 11.7871, -47.4378$, and if you desaturate by 10%, it is $219.8450, 5.0064, -19.1581$.

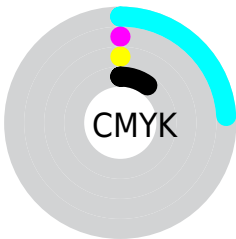
Distribution



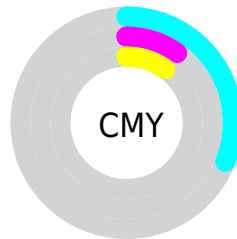
- Red (69%)
- Green (90%)
- Blue (90%)



- Red (69%)
- Yellow (79%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (31%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9680, 8.3968, -33.2979 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 212.9680, 8.3968, -33.2979 by changing the saturation by 10% instead.

■ 212.9680, 8.3968,
-33.2979

■ 212.9680, 8.3968,
-33.2979

255.0000, 0.0000,
0.0000

■ 185.2670, 8.2494,
-32.6832

■ 248.1230, 3.3904,
-14.1399

■ 157.6800, 8.5388,
-32.1684

■ 131.5660, 8.1020,
-32.0684

■ 105.5660, 8.1020,
-32.0684

■ 80.5660, 8.1020,
-32.0684

■ 55.1850, 9.2758,
-35.2422

■ 34.5770, 8.0965,

-30.3240

■ 20.4430, 4.7116,
-17.9285

■ 0.4560, 1.7472,
-0.3999

■ 212.9680, 8.3968,
-33.2979

■ 212.9680, 8.3968,
-33.2979

■ 206.0910, 11.7871,
-47.4378

■ 219.8450, 5.0064,
-19.1581

■ 198.6270, 15.4669,
-61.0629

■ 227.3090, 1.3267,
-5.5330

■ 191.7500, 18.8573,
-75.2027

■ 234.1860, -2.0637,
8.6069

■ 184.2860, 22.5370,
-88.8278

■ 238.0620, -3.9746,
14.8546

■ 177.4090, 25.9274,
-102.9677

■ 238.6490, -4.2640,
14.3398

■ 169.9450, 29.6071,
-116.5928

■ 239.2360, -4.5533,
13.8250

■ 163.0680, 32.9975,
-130.7326

■ 158.8820, 35.0612,
-139.3395

Harmonies

Analogous

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



213.6070, -0.7923, -25.9653



212.9680, 8.3968, -33.2979



214.4010, 15.0853, -31.9237

Triad

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



212.9680, 8.3968, -33.2979



221.8950, 9.4188, 12.3701



219.1580, -16.3469, 16.5244

Complementary

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



212.9680, 8.3968, -33.2979



192.0320, -8.3968, 33.2979

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.



221.0220, -13.3218, 26.2907



212.9680, 8.3968, -33.2979



222.6100, 1.6713, 24.0210

Square

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



212.9680, 8.3968, -33.2979



220.2780, 15.1459, -4.6288



222.0530, -6.9281, 28.8945



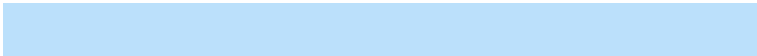
217.4120, -14.9931, 2.2697

Rectangle

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



212.9680, 8.3968, -33.2979



216.0150, 17.2476, -25.4462



222.0530, -6.9281, 28.8945



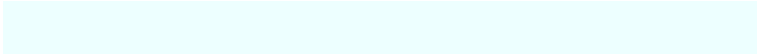
219.5930, -16.0683, 20.5279

Sweetspot

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



212.9680, 8.3968, -33.2979



249.6180, 2.6533, -11.0660



207.3990, -15.4797, -28.4139



124.1240, 1.9109, -6.2477



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.



212.9680, 8.3968, -33.2979



232.2870, 11.1975, -44.9787



197.1190, 16.2103, -19.3984



111.4120, 1.7689, -7.3773



123.1310, 27.5434, -107.9859



35.1640, 7.8071, -30.8388

Inverse Universe

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



197.6010, 15.4797, 28.4139



211.4480, 20.9781, 38.1951



207.8810, -16.2103, 19.3984



107.9560, 3.4727, 6.1776



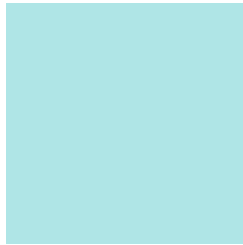
73.4710, 50.0538, 92.5489



20.9490, 14.3221, 26.3547

Previews

White Background



This preview shows how the YUV color 212.9680, 8.3968, -33.2979 looks on a white background.

Color Contrast Check

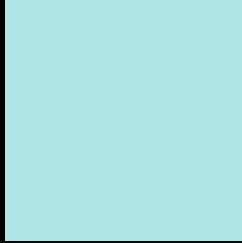
Large Text (above 18pt) WCAG AA × Fail

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 212.9680, 8.3968, -33.2979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

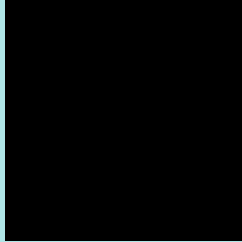
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 212.9680, 8.3968, -33.2979

Background



This preview shows how black text looks on a background with the YUV color 212.9680, 8.3968, -33.2979.



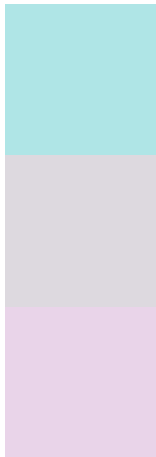
This preview shows how white text looks on a background with the YUV color 212.9680, 8.3968, -33.2979.

-33.2979.

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

212.9680, 8.3968, -33.2979

Protanopia

218.8800, 2.0312, 1.8592

Deuteranopia

220.6730, 6.0772, 10.8108



Tritanopia

214.4010, 15.0853, -31.9237

Trichromacy



Original Color

212.9680, 8.3968, -33.2979

Protanomaly

216.4870, 4.6899, -10.9511

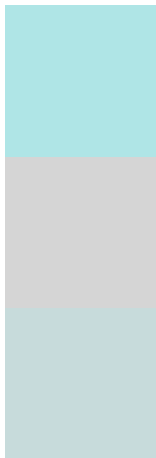
Deuteranomaly

217.8020, 6.9996, -5.0884

Tritanomaly

214.1190, 12.7593, -32.5534

Monochromacy



Original Color

212.9680, 8.3968, -33.2979

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.0200, 2.9481, -12.2955

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9680, 8.3968, -33.2979 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(175, 229, 230)` looks like.

```
.text, #text, p{  
    color:rgb(175, 229, 230)  
}
```

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(175, 229, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 229, 230) }
```

Border

The CSS property to change the border of an element to YUV 212.9680, 8.3968, -33.2979 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(175, 229, 230) }
```


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

```
.border{ border-color:rgb(175, 229, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 229, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 229, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 229, 230);  
box-shadow:4px 4px 4px 4px rgb(175, 229,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 212.9680, 8.3968, -33.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 229, 230) }
```

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

```
.background{ background-color: rgb(175,  
229, 230) }
```

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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