

# Converting Colors

YUV(212.0880, 9.8166,  
-22.0022)

Have a look what the booklet for  
YUV(212.0880, 9.8166, -22.0022)  
contains.

<b>YUV(212.0880, 9.8166, -22.0022)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(212.0880, 9.8166,  
-22.0022)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBDDDE8
RGB	187, 221, 232
RGB Percent	73%, 87%, 91%
CMY	0.2667, 0.1333, 0.0902
CMYK	0.19, 0.05, 0.00, 0.09
HSL	195°, 49%, 82%
HSV	195°, 19%, 91%
XYZ	60.9155, 68.1039, 86.2787
YIQ	212.0880, -23.7950, -3.7870

# Conversions

## Conversions Part 2

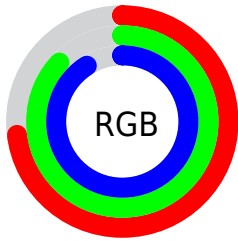
<b>Format</b>	<b>Color</b>
<b>RYB</b>	187, 206, 232
Decimal	12312040
CIELab	86.06, -8.82, -9.11
CIELCh	86, 12.680, 225.935
Yxy	68.1039, 0.2829, 0.3163
Android (android.graphics.Color)	4290502120 (0xFFBBDDDE8)
YUV	212.0880, 9.8166, -22.0022
Hunter-Lab	82.5251, -12.6601, -4.2192

# Details

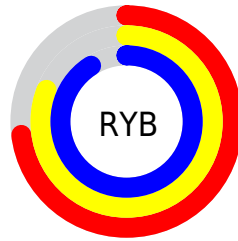
The YUV color  $212.0880, 9.8166, -22.0022$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $206.9120, -9.8166, 22.0022$ , and the grayscale version is  $212.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.7110, 1.6215, -6.7625$ , and  $157.2730, 9.2324, -21.2874$  is the 20% darker color. If you saturate the color by 10%, you get  $201.6890, 14.9433, -33.0533$ , and if you desaturate by 10%, it is  $222.4870, 4.6899, -10.9511$ .

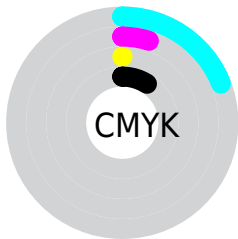
# Distribution



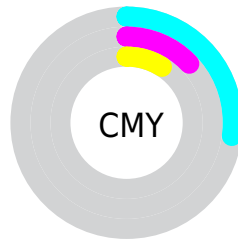
- Red (73%)
- Green (87%)
- Blue (91%)



- Red (73%)
- Yellow (81%)
- Blue (91%)



- Cyan (19%)
- Magenta (5%)
- Yellow (0%)
- Black (9%)



- Cyan (27%)
- Magenta (13%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.0880, 9.8166, -22.0022 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 212.0880, 9.8166, -22.0022 by changing the saturation by 10% instead.



■ 212.0880, 9.8166,  
-22.0022

■ 212.0880, 9.8166,  
-22.0022

255.0000, 0.0000,  
0.0000

■ 184.3870, 9.6692,  
-21.3874

■ 251.7110, 1.6215,  
-6.7625

■ 157.2730, 9.2324,  
-21.2874

■ 131.2730, 9.2324,  
-21.2874

■ 105.5720, 9.0850,  
-20.6726

■ 81.4580, 8.6482,  
-20.5727

■ 57.4580, 8.6482,  
-20.5727

■ 34.5610, 9.0904,

-22.4170

■ 17.6220, 6.5954,  
-15.4545

■ 0.6840, 2.6208,  
-0.5999

■ 212.0880, 9.8166,  
-22.0022

■ 212.0880, 9.8166,  
-22.0022

■ 201.6890, 14.9433,  
-33.0533

■ 222.4870, 4.6899,  
-10.9511

■ 191.8770, 19.7806,  
-44.6191

■ 232.2990, -0.1474,  
0.6148

■ 181.1790, 25.0548,  
-56.2850

■ 242.3990, -5.1267,  
11.0511

■ 170.7800, 30.1815,  
-67.3361

■ 245.9210, -6.8631,  
7.9623

■ 160.9680, 35.0188,  
-78.9019

■ 248.8560, -8.3100,  
5.3883

■ 150.5690, 40.1455,  
-89.9530

■ 252.3780,  
-10.0464, 2.2995

■ 140.1700, 45.2722,  
-101.0041

■ 130.0590, 50.2569,  
-113.1847

■ 129.1730, 50.6937,  
-113.2847

# Harmonies

## Analogous

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



211.1220, 4.8699, -22.0320



212.0880, 9.8166, -22.0022



213.7020, 11.9789, -15.5247

# Triad

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



212.0880, 9.8166, -22.0022



217.8540, 1.5510, 15.9140



213.8620, -10.7780, 3.6290

# Complementary

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



212.0880, 9.8166, -22.0022



206.9120, -9.8166, 22.0022

# 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.



215.4010, -11.5367, 13.6803



212.0880, 9.8166, -22.0022



217.3940, -4.1382, 20.7025

# Square

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



212.0880, 9.8166, -22.0022



216.9930, 7.3985, 7.0221



216.7160, -9.2270, 19.5431



212.7080, -7.2510, -7.6369



# Rectangle

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



212.0880, 9.8166, -22.0022



215.0450, 11.8098, -7.9325



216.7160, -9.2270, 19.5431



214.6560, -11.6624, 7.3177

# Sweetspot

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



212.0880, 9.8166, -22.0022



248.1670, 3.3687, -7.1625



214.5550, -8.6546, -24.1657



123.5480, 2.1948, -3.9886



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

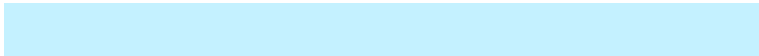


# Same Dimension

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



212.0880, 9.8166, -22.0022



229.1410, 12.7485, -29.0647



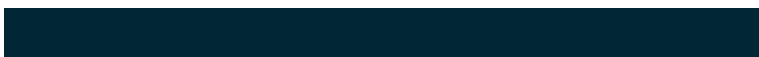
199.1740, 16.1832, -10.6766



109.6510, 2.6371, -5.8329



99.6510, 39.1191, -87.3939



28.7070, 10.9904, -25.1760



# Inverse Universe

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



204.3310, 8.2178, 24.2657



218.7710, 10.9589, 31.7728



219.8260, -16.1832, 10.6766



107.6140, 2.1623, 6.4775



68.9110, 32.5819, 96.5481

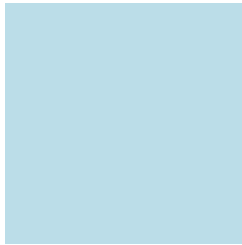


19.6950, 9.5174, 27.4545



# Previews

## White Background



This preview shows how the YUV color 212.0880, 9.8166, -22.0022 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

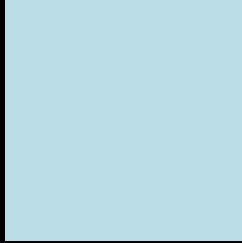
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.0880, 9.8166, -22.0022 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

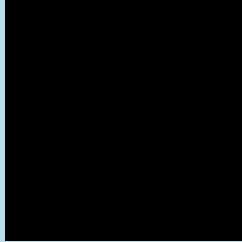
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

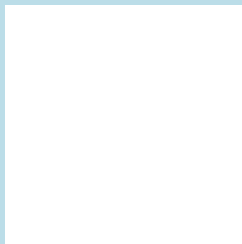
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 212.0880, 9.8166, -22.0022

## Background



This preview shows how black text looks on a background with the YUV color 212.0880, 9.8166, -22.0022.



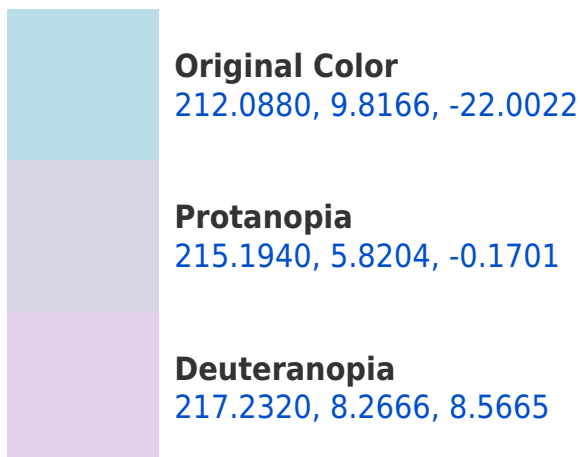
This preview shows how white text looks on a background with the YUV color 212.0880, 9.8166,

-22.0022.

# 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

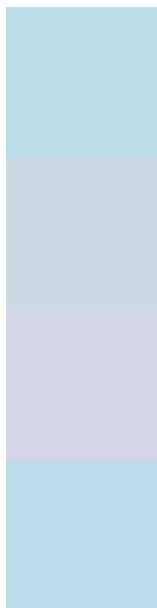




## Tritanopia

212.4840, 12.5794, -21.4725

# Trichromacy



## Original Color

212.0880, 9.8166, -22.0022

## Protanomaly

214.1930, 7.2999, -8.0623

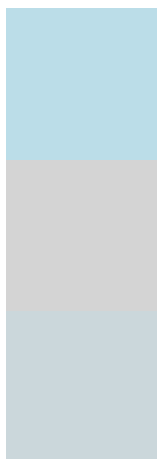
## Deuteranomaly

214.9810, 8.8834, -2.6143

## Tritanomaly

212.2560, 11.7058, -21.2725

# Monochromacy



## Original Color

212.0880, 9.8166, -22.0022

## Achromatopsia

212.0000, 0.0000, 0.0000

## Achromatomaly

211.8680, 3.5161, -7.7772

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.0880, 9.8166, -22.0022 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(187, 221, 232)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 232)  
}
```

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(187, 221, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 232) }
```

## Border

The CSS property to change the border of an element to YUV 212.0880, 9.8166, -22.0022 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(187, 221, 232) }
```



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

```
.border{ border-color:rgb(187, 221, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 221, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 221, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 221, 232);  
box-shadow:4px 4px 4px 4px rgb(187, 221,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 212.0880, 9.8166, -22.0022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 232) }
```

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

```
.background{ background-color: rgb(187,  
221, 232) }
```

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