

# Converting Colors

YUV(212.0740, -2.5015,  
-37.7759)

Have a look what the booklet for  
YUV(212.0740, -2.5015, -37.7759)  
contains.

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# Color

**YUV(212.0740, -2.5015,  
-37.7759)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9EBCF
RGB	169, 235, 207
RGB Percent	66%, 92%, 81%
CMY	0.3373, 0.0784, 0.1882
CMYK	0.28, 0.00, 0.12, 0.08
HSL	155°, 62%, 79%
HSV	155°, 28%, 92%
XYZ	57.3330, 72.3567, 69.9759
YIQ	212.0740, -30.3480, -22.7000

# Conversions

## Conversions Part 2

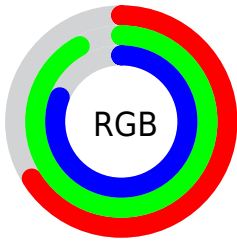
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 211, 235
Decimal	11135951
CIELab	88.14, -26.41, 6.96
CIELCh	88, 27.314, 165.243
Yxy	72.3567, 0.2871, 0.3624
Android (android.graphics.Color)	4289326031 (0xFFA9EBCF)
YUV	212.0740, -2.5015, -37.7759
Hunter-Lab	85.0627, -28.5492, 10.7696

# Details

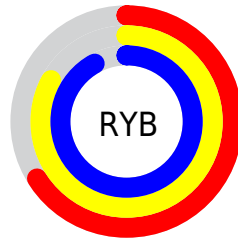
The YUV color **212.0740, -2.5015, -37.7759** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **191.9260, 2.5015, 37.7759**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0300, 4.4222, -18.4433**, and **156.9000, -1.9227, -36.7463** is the 20% darker color. If you saturate the color by 10%, you get **204.0570, -3.4791, -50.9160**, and if you desaturate by 10%, it is **220.3900, -1.6713, -24.0210**.

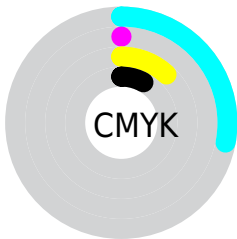
# Distribution



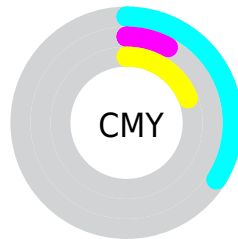
- Red (66%)
- Green (92%)
- Blue (81%)



- Red (66%)
- Yellow (83%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (34%)
- Magenta (8%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.0740, -2.5015, -37.7759 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 212.0740, -2.5015, -37.7759 by changing the saturation by 10% instead.



■ 212.0740, -2.5015,  
-37.7759

■ 212.0740, -2.5015,  
-37.7759

255.0000, 0.0000,  
0.0000

■ 184.3730, -2.6489,  
-37.1611

■ 246.0300, 4.4222,  
-18.4433

■ 156.9000, -1.9227,  
-36.7463

■ 130.3130, -1.6333,  
-36.2315

■ 104.4270, -1.1965,  
-36.3315

■ 79.2420, -0.6123,  
-37.0462

■ 52.0780, 1.4405,  
-42.1644

■ 34.9870, -0.4866,

-30.6836

■ 20.6250, -4.7451,  
-18.0881

■ 0.0000, 0.0000,  
0.0000

■ 212.0740, -2.5015,  
-37.7759

■ 212.0740, -2.5015,  
-37.7759

■ 204.0570, -3.4791,  
-50.9160

■ 220.3900, -1.6713,  
-24.0210

■ 195.7410, -4.3093,  
-64.6709

■ 228.4070, -0.6937,  
-10.8809

■ 187.4250, -5.1395,  
-78.4257

■ 236.7230, 0.1366,  
2.8739

■ 179.4080, -6.1171,  
-91.5658

■ 242.3480, 2.2934,  
11.0958

■ 171.3910, -7.0948,  
-104.7059

■ 243.2600, 5.7878,  
10.2960

■ 163.0750, -7.9250,  
-118.4608

■ 154.7590, -8.7552,  
-132.2156

■ 153.3350, -9.0392,  
-134.4748

# Harmonies

## Analogous

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



215.4760, -15.5177, -16.2035



212.0740, -2.5015, -37.7759



210.0580, 11.8034, -52.6709

# Triad

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



212.0740, -2.5015, -37.7759



219.8150, 17.3462, -10.3618



218.8440, -16.6851, 31.7088

# Complementary

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



212.0740, -2.5015, -37.7759



191.9260, 2.5015, 37.7759

# 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.



219.2320, -5.0444, 31.3685



212.0740, -2.5015, -37.7759



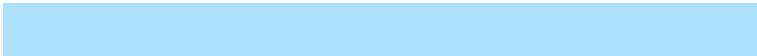
224.6980, 14.9389, 15.1739

# Square

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



212.0740, -2.5015, -37.7759



214.3450, 20.0429, -35.3826



222.7830, 6.0230, 28.2543



221.3460, -24.8206, 27.7606



# Rectangle

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



212.0740, -2.5015, -37.7759



210.6970, 19.3764, -54.9853



222.7830, 6.0230, 28.2543



218.4680, -13.0487, 32.0386

# Sweetspot

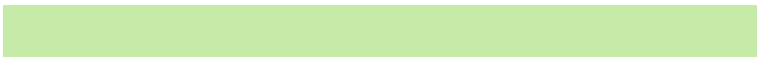
The Sweet Spot groups the original color and five complimentary colors.



212.0740, -2.5015, -37.7759



247.9940, -0.9830, -11.3957



216.4130, -23.3746, -16.1482



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

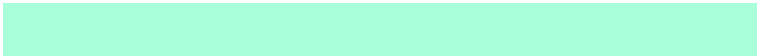


# Same Dimension

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



212.0740, -2.5015, -37.7759



224.7690, -3.3371, -49.7864



212.9180, 10.8864, -38.5161



113.1410, -0.5625, -6.2627



118.1030, -6.9528, -103.5763



35.2320, -2.0864, -30.8985



# Inverse Universe

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



191.9260, 2.5015, 37.7759



198.2310, 3.3371, 49.7864



191.0820, -10.8864, 38.5161



109.8590, 0.5625, 6.2627



62.8970, 6.9528, 103.5763

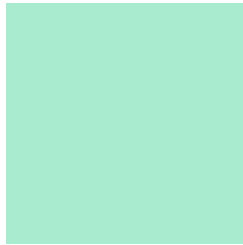


18.7680, 2.0864, 30.8985



# Previews

## White Background



This preview shows how the YUV color 212.0740, -2.5015, -37.7759 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

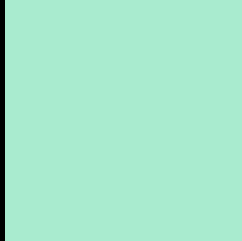
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.0740, -2.5015, -37.7759 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

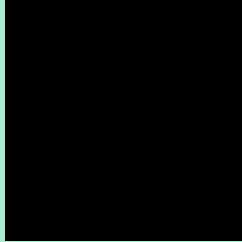
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

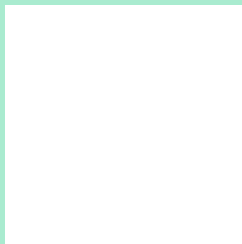
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 212.0740, -2.5015, -37.7759

## Background



This preview shows how black text looks on a background with the YUV color 212.0740, -2.5015, -37.7759.



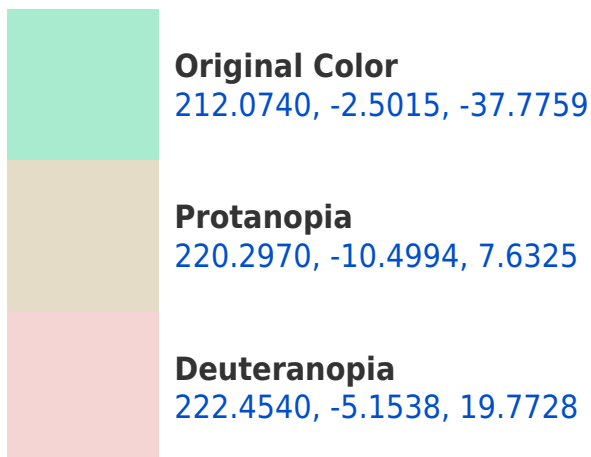
This preview shows how white text looks on a background with the YUV color 212.0740, -2.5015,

-37.7759.

# 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

215.6180, 15.9643, -33.8680

# Trichromacy



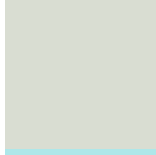
## Original Color

212.0740, -2.5015, -37.7759



## Protanomaly

216.9960, -7.3930, -8.7665



## Deuteranomaly

218.5500, -4.2152, -1.3594



## Tritanomaly

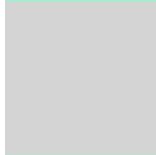
214.1850, 9.2758, -35.2422

# Monochromacy



## Original Color

212.0740, -2.5015, -37.7759



## Achromatopsia

212.0000, 0.0000, 0.0000



## Achromatomaly

211.6840, -0.8302, -13.7549

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.0740, -2.5015, -37.7759 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(169, 235, 207)` looks like.

```
.text, #text, p{  
    color:rgb(169, 235, 207)  
}
```

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(169, 235, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 235, 207) }
```

## Border

The CSS property to change the border of an element to YUV 212.0740, -2.5015, -37.7759 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(169, 235, 207) }
```



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

```
.border{ border-color:rgb(169, 235, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 235, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 235, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 235, 207);  
box-shadow:4px 4px 4px 4px rgb(169, 235,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 212.0740, -2.5015, -37.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 235, 207) }
```

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

```
.background{ background-color: rgb(169,  
235, 207) }
```

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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