

# Converting Colors

YUV(211.2050, 12.2239,  
-47.5378)

Have a look what the booklet for  
YUV(211.2050, 12.2239, -47.5378)  
contains.

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# Color

**YUV(211.2050, 12.2239,  
-47.5378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DEAEC
RGB	157, 234, 236
RGB Percent	62%, 92%, 93%
CMY	0.3843, 0.0824, 0.0745
CMYK	0.33, 0.01, 0.00, 0.07
HSL	182°, 68%, 77%
HSV	182°, 33%, 93%
XYZ	58.4678, 72.0699, 90.1862
YIQ	211.2050, -46.5340, -15.7020

# Conversions

## Conversions Part 2

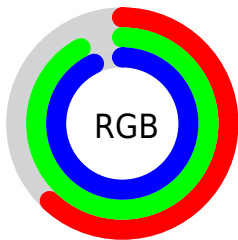
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 196, 236
Decimal	10349292
CIELab	88.00, -23.05, -8.51
CIELCh	88, 24.572, 200.269
Yxy	72.0699, 0.2649, 0.3265
Android (android.graphics.Color)	4288539372 (0xFF9DEAEC)
YUV	211.2050, 12.2239, -47.5378
Hunter-Lab	84.8940, -25.6288, -3.5603

# Details

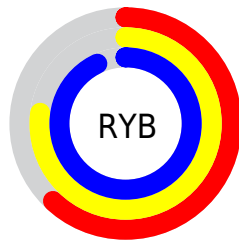
The YUV color **211.2050, 12.2239, -47.5378** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **181.7950, -12.2239, 47.5378**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, 6.0437, -25.2059**, and **155.5040, 12.0765, -46.9230** is the 20% darker color. If you saturate the color by 10%, you get **203.4420, 16.0511, -61.7776**, and if you desaturate by 10%, it is **218.9680, 8.3968, -33.2979**.

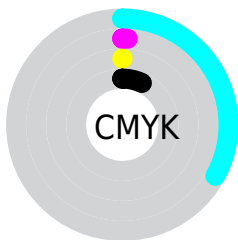
# Distribution



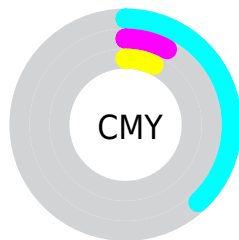
- Red (62%)
- Green (92%)
- Blue (93%)



- Red (62%)
- Yellow (77%)
- Blue (93%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (38%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 211.2050, 12.2239, -47.5378 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 211.2050, 12.2239, -47.5378 by changing the saturation by 10% instead.



■ 211.2050, 12.2239,  
-47.5378

■ 211.2050, 12.2239,  
-47.5378

255.0000, 0.0000,  
0.0000

■ 183.2050, 12.2239,  
-47.5378

■ 242.7410, 6.0437,  
-25.2059

■ 155.5040, 12.0765,  
-46.9230

■ 251.4120, 1.7689,  
-7.3773

■ 128.2050, 12.2239,  
-47.5378

■ 101.4220, 13.1030,  
-49.4821

■ 71.3390, 15.6089,  
-59.9333

■ 53.6180, 12.5133,  
-47.0230

■ 37.4950, 9.1230,

-32.8831

■ 22.6600, 5.5906,  
-19.8728

■ 1.3680, 5.2416,  
-1.1997

■ 211.2050, 12.2239,  
-47.5378

■ 211.2050, 12.2239,  
-47.5378

■ 203.4420, 16.0511,  
-61.7776

■ 218.9680, 8.3968,  
-33.2979

■ 196.5650, 19.4415,  
-75.9175

■ 225.8450, 5.0064,  
-19.1581

■ 188.8020, 23.2686,  
-90.1574

■ 233.6080, 1.1793,  
-4.9182

■ 181.9250, 26.6590,  
-104.2972

■ 240.4850, -2.2111,  
9.2217

■ 174.1620, 30.4861,  
-118.5371

■ 242.2680, -3.0901,  
11.1660

■ 166.3990, 34.3133,  
-132.7769

■ 242.8550, -3.3795,  
10.6512

■ 161.9140, 36.5244,  
-141.9986

■ 243.4420, -3.6689,  
10.1364

# Harmonies

## Analogous

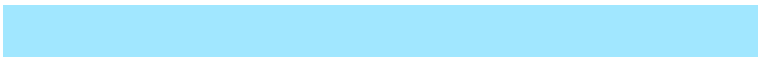
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



212.6550, -0.3229, -36.5314



211.2050, 12.2239, -47.5378



212.8060, 20.8016, -45.4339

# Triad

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



211.2050, 12.2239, -47.5378



224.8400, 12.8969, 16.8033



220.8830, -22.6203, 22.0276

# Complementary

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



211.2050, 12.2239, -47.5378



181.7950, -12.2239, 47.5378

# 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.



220.1320, -16.8271, 30.5792



211.2050, 12.2239, -47.5378



222.6860, 3.1128, 28.3394

# Square

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



211.2050, 12.2239, -47.5378



220.7340, 16.8931, -5.0287



220.0640, -6.9336, 30.6389



218.0440, -20.2347, 3.4694

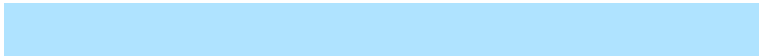


# Rectangle

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



211.2050, 12.2239, -47.5378



214.6440, 19.8955, -34.7678



220.0640, -6.9336, 30.6389



221.4430, -21.9104, 27.6755

# Sweetspot

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



211.2050, 12.2239, -47.5378



246.9380, 3.9746, -14.8546



203.4870, -22.4251, -40.7691



122.6290, 2.6479, -9.3216



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.



211.2050, 12.2239, -47.5378



222.7410, 15.9037, -61.1629



188.3120, 23.5102, -27.4606



113.7110, 1.6215, -6.7625



123.9460, 28.1276, -108.7006



36.6800, 8.5388, -32.1684



# Inverse Universe

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



189.3990, 21.9883, 40.8691



194.7840, 28.2075, 52.8094



204.6880, -23.5102, 27.4606



110.5430, 3.1833, 5.6628



74.1830, 50.1958, 93.6785

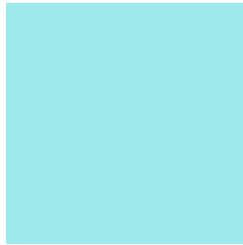


22.0740, 14.7535, 27.9991



# Previews

## White Background



This preview shows how the YUV color 211.2050, 12.2239, -47.5378 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

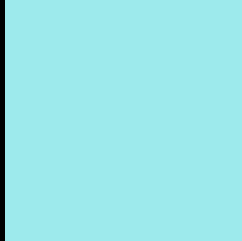
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 211.2050, 12.2239, -47.5378 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

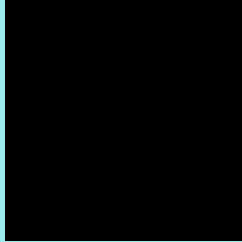
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 211.2050, 12.2239, -47.5378

## Background



This preview shows how black text looks on a background with the YUV color 211.2050, 12.2239, -47.5378.



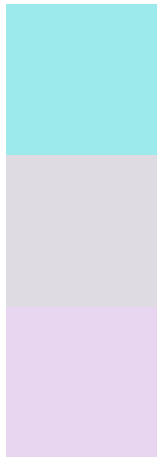
This preview shows how white text looks on a background with the YUV color 211.2050, 12.2239, -47.5378.

-47.5378.

# 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

211.2050, 12.2239, -47.5378

### Protanopia

220.8090, 3.0522, 1.0445

### Deuteranopia

222.3460, 8.7034, 8.4666



## Tritanopia

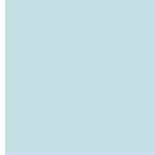
212.8230, 18.3283, -45.4488

# Trichromacy



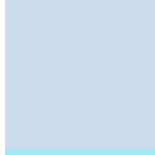
## Original Color

211.2050, 12.2239, -47.5378



## Protanomaly

216.9100, 6.4534, -16.5841



## Deuteranomaly

218.2680, 10.2209, -11.6360



## Tritanomaly

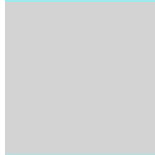
212.5410, 16.0023, -46.0785

# Monochromacy



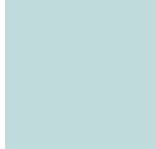
## Original Color

211.2050, 12.2239, -47.5378



## Achromatopsia

211.0000, 0.0000, 0.0000



## Achromatomaly

210.7420, 4.5642, -17.3137

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 211.2050, 12.2239, -47.5378 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(157, 234, 236)` looks like.

```
.text, #text, p{  
    color:rgb(157, 234, 236)  
}
```

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(157, 234, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 234, 236) }
```

## Border

The CSS property to change the border of an element to YUV 211.2050, 12.2239, -47.5378 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(157, 234, 236) }
```



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

```
.border{ border-color:rgb(157, 234, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 234, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 234, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 234, 236);  
box-shadow:4px 4px 4px 4px rgb(157, 234,  
236) }
```

# Background

The CSS property to change the background color of an element to YUV 211.2050, 12.2239, -47.5378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 234, 236) }
```

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

```
.background{ background-color: rgb(157,  
234, 236) }
```

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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