

# Converting Colors

YUV(212.1700, 15.1992,  
-68.5551)

Have a look what the booklet for  
YUV(212.1700, 15.1992, -68.5551)  
contains.

<b>YUV(212.1700, 15.1992, -68.5551)</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(212.1700, 15.1992,  
-68.5551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86F6F3
RGB	134, 246, 243
RGB Percent	53%, 96%, 95%
CMY	0.4745, 0.0353, 0.0471
CMYK	0.46, 0.00, 0.01, 0.04
HSL	178°, 86%, 75%
HSV	178°, 46%, 96%
XYZ	58.9649, 77.4509, 96.6358
YIQ	212.1700, -65.7890, -24.6770

# Conversions

## Conversions Part 2

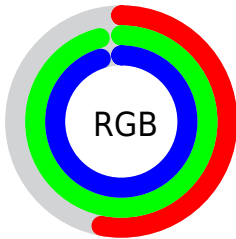
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">134, 191, 246</a>
Decimal	<a href="#">8845043</a>
CIELab	<a href="#">90.53, -32.74, -8.53</a>
CIELCh	<a href="#">91, 33.832, 194.605</a>
Yxy	<a href="#">77.4509, 0.2530, 0.3323</a>
Android (android.graphics.Color)	<a href="#">4287035123</a> <a href="#">(0xFF86F6F3)</a>
YUV	<a href="#">212.1700, 15.1992, -68.5551</a>
Hunter-Lab	<a href="#">88.0062, -34.4143, -3.4994</a>

# Details

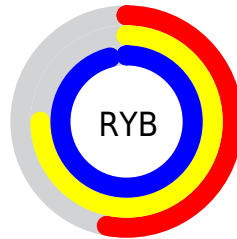
The YUV color **212.1700, 15.1992, -68.5551** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **167.8300, -15.1992, 68.5551**, and the grayscale version is **212.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.4620, 9.1392, -38.1162**, and **154.0880, 16.2256, -71.1142** is the 20% darker color. If you saturate the color by 10%, you get **204.5810, 18.4476, -83.8245**, and if you desaturate by 10%, it is **219.7590, 11.9508, -53.2856**.

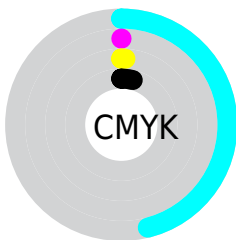
# Distribution



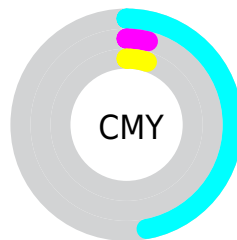
- Red (53%)
- Green (96%)
- Blue (95%)



- Red (53%)
- Yellow (75%)
- Blue (96%)



- Cyan (46%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (47%)
- Magenta (4%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.1700, 15.1992, -68.5551 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 212.1700, 15.1992, -68.5551 by changing the saturation by 10% instead.



212.1700, 15.1992,  
-68.5551

212.1700, 15.1992,  
-68.5551

255.0000, 0.0000,  
0.0000

182.9850, 15.7834,  
-69.2698

236.4620, 9.1392,  
-38.1162

154.0880, 16.2256,  
-71.1142

245.4320, 4.7170,  
-19.6729

123.7990, 17.8471,  
-77.8767

254.4020, 0.2948,  
-1.2296

94.5210, 19.4631,  
-82.8949

76.9960, 15.7780,  
-67.5255

59.4710, 12.0928,  
-52.1561

42.7610, 8.9918,

-37.5014

■ 27.3390, 5.7489,  
-23.9763

■ 5.2150, 7.2890,  
-4.5736

■ 212.1700, 15.1992,  
-68.5551

■ 212.1700, 15.1992,  
-68.5551

■ 204.5810, 18.4476,  
-83.8245

■ 219.7590, 11.9508,  
-53.2856

■ 197.4050, 21.9853,  
-98.5792

■ 226.9350, 8.4130,  
-38.5310

■ 189.8160, 25.2337,  
-113.8486

■ 234.5240, 5.1647,  
-23.2615

■ 182.5260, 28.3347,  
-128.5033

■ 241.8140, 2.0637,  
-8.6069

■ 175.0510, 32.0199,  
-143.8727

■ 248.6910, -1.3267,  
5.5330

■ 171.6480, 33.2045,  
-150.5353

■ 248.8050, -0.8899,  
5.4330

■ 248.9190, -0.4531,  
5.3330

■ 249.0330, -0.0163,  
5.2331

# Harmonies

## Analogous

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



216.1930, -3.0531, -47.5273



212.1700, 15.1992, -68.5551



211.4780, 21.4563, -68.8252

# Triad

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



212.1700, 15.1992, -68.5551



230.0360, 12.3073, 19.2624



224.3090, -28.7463, 26.9160

# Complementary

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



212.1700, 15.1992, -68.5551



167.8300, -15.1992, 68.5551

# 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.



220.4910, -17.9901, 30.2644



212.1700, 15.1992, -68.5551



225.2110, 10.2490, 26.1250

# Square

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



212.1700, 15.1992, -68.5551



223.9350, 15.3150, -12.2210



220.2750, -3.5866, 30.4538



224.6720, -29.4183, 9.0577

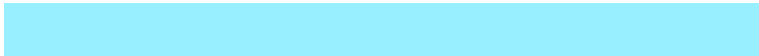


# Rectangle

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



212.1700, 15.1992, -68.5551



214.5120, 19.9606, -55.7000



220.2750, -3.5866, 30.4538



222.4170, -25.8416, 28.5753

# Sweetspot

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



212.1700, 15.1992, -68.5551



244.1220, 4.8699, -22.0320



200.9400, -33.0014, -55.1984



121.3080, 2.8062, -13.4251



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.



212.1700, 15.1992, -68.5551



212.6840, 18.8898, -85.6689



181.9880, 31.5579, -42.0855



118.4120, 1.7689, -7.3773



129.8160, 25.2337, -113.8486



41.1310, 7.8234, -36.0719



# Inverse Universe

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



167.8300, -15.1992, 68.5551



157.3160, -18.8898, 85.6689



198.0120, -31.5579, 42.0855



113.5880, -1.7689, 7.3773



56.1840, -25.2337, 113.8486

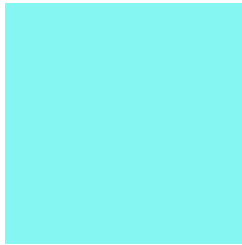


17.8690, -7.8234, 36.0719



# Previews

## White Background



This preview shows how the YUV color 212.1700, 15.1992, -68.5551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

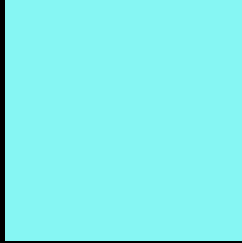
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.1700, 15.1992, -68.5551 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

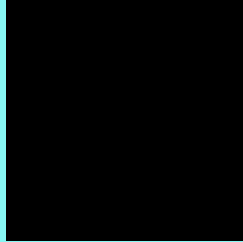
Any Text WCAG AA ✓ Pass

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 212.1700, 15.1992, -68.5551 Background



This preview shows how black text looks on a background with the YUV color 212.1700, 15.1992, -68.5551.



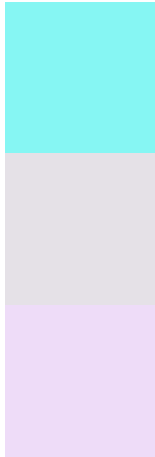
This preview shows how white text looks on a background with the YUV color 212.1700, 15.1992, -68.5551.

-68.5551.

# 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

212.1700, 15.1992, -68.5551

### Protanopia

226.8800, 2.0312, 1.8592

### Deuteranopia

228.5740, 9.5770, 8.2666



## Tritanopia

218.3990, 18.0443, -47.7079

# Trichromacy



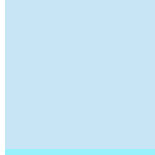
## Original Color

212.1700, 15.1992, -68.5551



## Protanomaly

221.5670, 6.6225, -24.1763



## Deuteranomaly

222.2670, 11.7004, -19.5282



## Tritanomaly

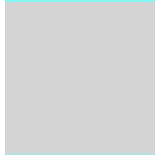
216.4150, 17.0504, -55.6150

# Monochromacy



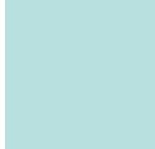
## Original Color

212.1700, 15.1992, -68.5551



## Achromatopsia

212.0000, 0.0000, 0.0000



## Achromatomaly

211.9260, 5.4595, -24.4911

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.1700, 15.1992, -68.5551 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(134, 246, 243)` looks like.

```
.text, #text, p{  
    color:rgb(134, 246, 243)  
}
```

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(134, 246, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 246, 243) }
```

## Border

The CSS property to change the border of an element to YUV 212.1700, 15.1992, -68.5551 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(134, 246, 243) }
```



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

```
.border{ border-color:rgb(134, 246, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 246, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 246, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 246, 243);  
box-shadow:4px 4px 4px 4px rgb(134, 246,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 212.1700, 15.1992, -68.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 246, 243) }
```

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

```
.background{ background-color: rgb(134,  
246, 243) }
```

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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