

# Converting Colors

YUV(228.2990, -10.5004,  
-38.8502)

Have a look what the booklet for  
YUV(228.2990, -10.5004, -38.8502)  
contains.

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# Color

**YUV(228.2990, -10.5004,  
-38.8502)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8FFCF
RGB	184, 255, 207
RGB Percent	72%, 100%, 81%
CMY	0.2784, 0.0000, 0.1882
CMYK	0.28, 0.00, 0.19, 0.00
HSL	139°, 100%, 86%
HSV	139°, 28%, 100%
XYZ	66.7896, 86.2153, 72.1525
YIQ	228.2990, -26.9080, -29.9800

# Conversions

## Conversions Part 2

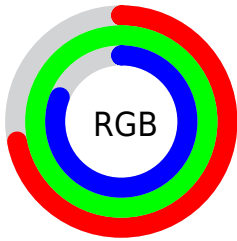
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 238, 255
Decimal	12124111
CIELab	94.40, -31.36, 15.99
CIELCh	94, 35.198, 152.987
Yxy	86.2153, 0.2966, 0.3829
Android (android.graphics.Color)	4290314191 (0xFFB8FFCF)
YUV	228.2990, -10.5004, -38.8502
Hunter-Lab	92.8522, -34.0943, 18.9242

# Details

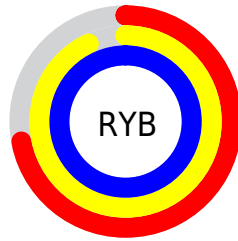
The YUV color  $228.2990, -10.5004, -38.8502$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $210.7010, 10.5004, 38.8502$ , and the grayscale version is  $228.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $250.8140, 2.0637, -8.6069$ , and  $172.2390, -9.4848, -37.9206$  is the 20% darker color. If you saturate the color by 10%, you get  $218.8860, -14.2408, -52.5200$ , and if you desaturate by 10%, it is  $238.0110, -6.9074, -24.5656$ .

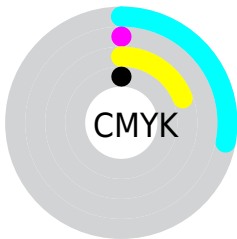
# Distribution



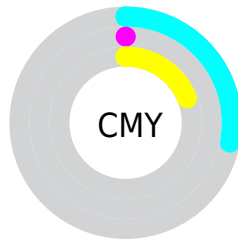
- Red (72%)
- Green (100%)
- Blue (81%)



- Red (72%)
- Yellow (93%)
- Blue (100%)



- Cyan (28%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 228.2990, -10.5004, -38.8502 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 228.2990, -10.5004, -38.8502 by changing the saturation by 10% instead.




 228.2990,  
-10.5004, -38.8502

 228.2990,  
-10.5004, -38.8502

255.0000, 0.0000,  
0.0000


 199.7120,  
-10.2110, -38.3354


 250.8140, 2.0637,  
-8.6069

 172.2390, -9.4848,  
-37.9206

 145.0650, -8.9060,  
-36.8910

 119.0650, -8.9060,  
-36.8910

 92.9940, -7.8850,  
-37.7057

 67.3250, -6.5692,  
-39.7500

 44.2650, -5.5536,

-38.8204

■ 27.6690, -8.2178,  
-24.2657

■ 14.0880, -6.9454,  
-12.3552

■ 228.2990,  
-10.5004, -38.8502

■ 228.2990,  
-10.5004, -38.8502

■ 218.8860,  
-14.2408, -52.5200

■ 238.0110, -6.9074,  
-24.5656

■ 209.1740,  
-17.8338, -66.8046

■ 247.4240, -3.1670,  
-10.8958

■ 199.3480,  
-21.8636, -80.9892

255.0000, 0.0000,  
0.0000

■ 189.9350,  
-25.6040, -94.6590

■ 180.5220,  
-29.3443, -108.3288

■ 170.8100,  
-32.9373, -122.6134

■ 161.2830,  
-37.1145, -136.1832

■ 159.1470,  
-37.5405, -139.5719

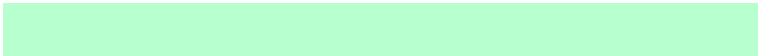
# Harmonies

## Analogous

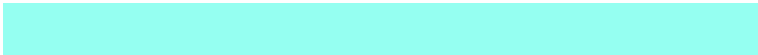
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.8870, -25.5803, -8.6709



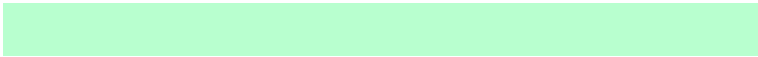
228.2990, -10.5004, -38.8502



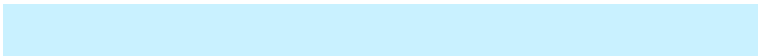
221.7100, 9.5100, -63.7667

# Triad

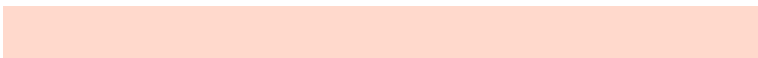
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.2990, -10.5004, -38.8502



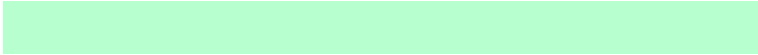
230.6360, 12.0115, -25.9908



226.8800, -11.2798, 24.6612

# Complementary

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



228.2990, -10.5004, -38.8502



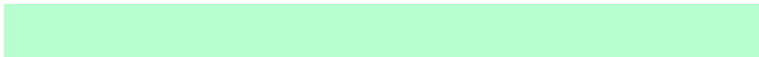
210.7010, 10.5004, 38.8502

# 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.



228.8810, 4.0027, 22.9064



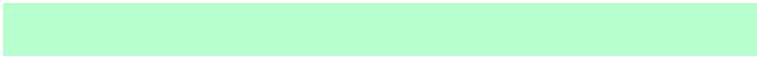
228.2990, -10.5004, -38.8502



237.6450, 8.5560, 9.0813

# Square

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



228.2990, -10.5004, -38.8502



223.0510, 15.7509, -58.8037



233.8680, 10.4181, 18.5328

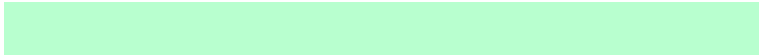


229.3130, -24.8043, 22.5275



# Rectangle

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



228.2990, -10.5004, -38.8502



219.4190, 17.5414, -73.1585



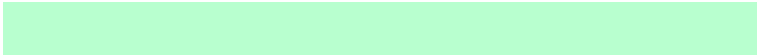
233.8680, 10.4181, 18.5328



226.8460, -6.3331, 24.6911

# Sweetspot

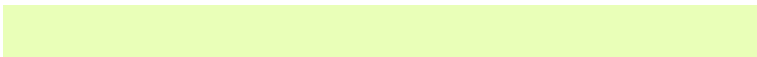
The Sweet Spot groups the original color and five complimentary colors.



228.2990, -10.5004, -38.8502



247.4240, -3.1670, -10.8958



240.3280, -27.7697, -6.4267



123.0870, -2.0149, -7.0923



0.0000, 0.0000, 0.0000

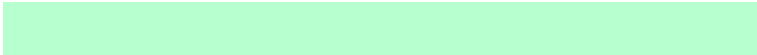


128.0000, 0.0000, 0.0000

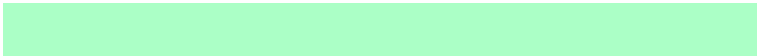


# Same Dimension

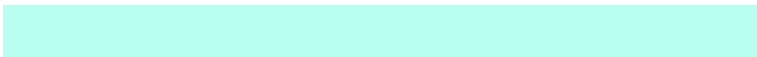
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.2990, -10.5004, -38.8502



223.3860, -12.5153, -45.9425



232.2890, 4.7875, -42.3495



123.0870, -2.0149, -7.0923



119.1850, -28.1922, -104.5252



39.9620, -9.3483, -35.0467



# Inverse Universe

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



210.7010, 10.5004, 38.8502



202.6140, 12.5153, 45.9425



206.7110, -4.7875, 42.3495



119.7990, 1.5781, 7.1923



71.8150, 28.1922, 104.5252

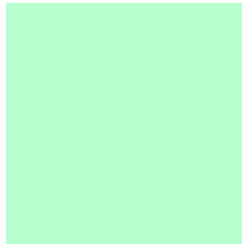


24.0380, 9.3483, 35.0467



# Previews

## White Background



This preview shows how the YUV color 228.2990, -10.5004, -38.8502 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

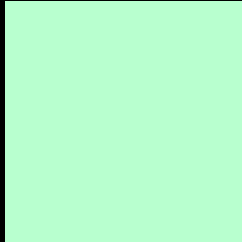
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 228.2990, -10.5004, -38.8502 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

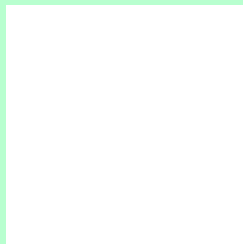
Any Text WCAG AAA ✓ Pass

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

# YUV 228.2990, -10.5004, -38.8502 Background



This preview shows how black text looks on a background with the YUV color 228.2990, -10.5004, -38.8502.



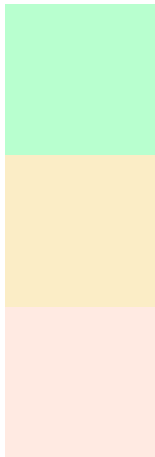
This preview shows how white text looks on a background with the YUV color 228.2990, -10.5004, -38.8502.

-38.8502.

# 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

228.2990, -10.5004, -38.8502

### Protanopia

236.7400, -19.0988, 12.5060

### Deuteranopia

239.3670, -6.5899, 13.7101



## Tritanopia

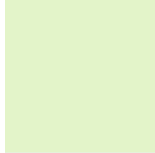
235.9960, 9.3690, -18.4135

# Trichromacy



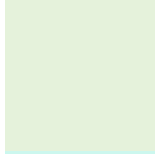
## Original Color

228.2990, -10.5004, -38.8502



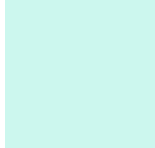
## Protanomaly

234.0150, -16.2764, -6.1522



## Deuteranomaly

235.4910, -8.1301, -5.6926



## Tritanomaly

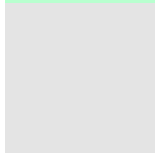
233.1170, 2.4073, -25.5356

# Monochromacy



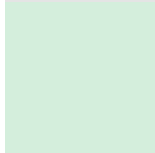
## Original Color

228.2990, -10.5004, -38.8502



## Achromatopsia

228.0000, 0.0000, 0.0000



## Achromatomaly

228.1740, -4.0298, -14.1846

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 228.2990, -10.5004, -38.8502 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(184, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(184, 255, 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(184, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 255, 207) }
```

## Border

The CSS property to change the border of an element to YUV 228.2990, -10.5004, -38.8502 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(184, 255, 207) }
```



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

```
.border{ border-color:rgb(184, 255, 207) }
```

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

Here you see how a box with a 4 pixel rgb(184, 255, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(184, 255,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 228.2990, -10.5004, -38.8502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 255, 207) }
```

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

```
.background{ background-color: rgb(184,  
255, 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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