

# Converting Colors

YUV(210.2830, -29.7195,  
-34.4512)

Have a look what the booklet for  
YUV(210.2830, -29.7195, -34.4512)  
contains.

<b>YUV(210.2830, -29.7195, -34.4512)</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(210.2830, -29.7195,  
-34.4512)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABF296
RGB	171, 242, 150
RGB Percent	67%, 95%, 59%
CMY	0.3294, 0.0510, 0.4118
CMYK	0.29, 0.00, 0.38, 0.05
HSL	106°, 78%, 77%
HSV	106°, 38%, 95%
XYZ	54.0517, 74.3642, 40.3591
YIQ	210.2830, -12.7840, -43.6640

# Conversions

## Conversions Part 2

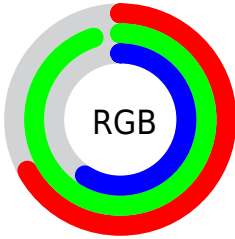
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 242, 221
Decimal	11268758
CIELab	89.09, -38.74, 37.53
CIELCh	89, 53.941, 135.912
Yxy	74.3642, 0.3203, 0.4406
Android (android.graphics.Color)	4289458838 (0xFFABF296)
YUV	210.2830, -29.7195, -34.4512
Hunter-Lab	86.2347, -39.0272, 32.6157

# Details

The YUV color **210.2830, -29.7195, -34.4512** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **181.7170, 29.7195, 34.4512**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2270, -17.8599, -11.6001**, and **154.4510, -27.8303, -33.7215** is the 20% darker color. If you saturate the color by 10%, you get **201.8660, -37.4019, -43.7325**, and if you desaturate by 10%, it is **218.7000, -22.0371, -25.1699**.

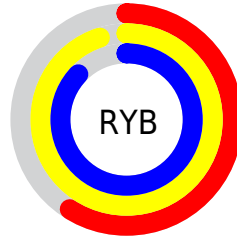
# Distribution



Red (67%)

Green (95%)

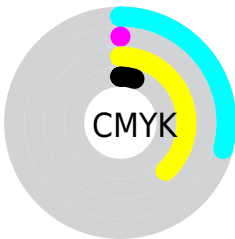
Blue (59%)



Red (59%)

Yellow (95%)

Blue (87%)

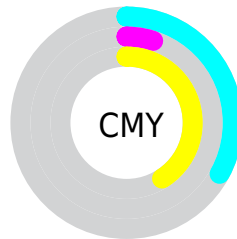


Cyan (29%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (33%)

Magenta (5%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 210.2830, -29.7195, -34.4512 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 210.2830, -29.7195, -34.4512 by changing the saturation by 10% instead.



■ 210.2830,  
-29.7195, -34.4512

■ 210.2830,  
-29.7195, -34.4512

255.0000, 0.0000,  
0.0000

■ 181.9240,  
-28.5565, -34.1363

■ 241.2270,  
-17.8599, -11.6001

■ 154.4510,  
-27.8303, -33.7215

■ 252.6060, -9.1728,  
2.0995

■ 127.6790,  
-26.9567, -33.9215

■ 101.4940,  
-26.3725, -34.6362

■ 75.0100, -25.6409,  
-35.9658

■ 47.5470, -23.4407,  
-41.6987

■ 33.4590, -16.4953,

-29.3435

■ 21.7190, -10.7075,  
-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 210.2830,  
-29.7195, -34.4512

■ 210.2830,  
-29.7195, -34.4512

■ 201.8660,  
-37.4019, -43.7325

■ 218.7000,  
-22.0371, -25.1699

■ 193.7480,  
-45.2318, -52.3990

■ 226.8180,  
-14.2073, -16.5034

■ 185.2170,  
-53.3510, -61.5803

■ 235.3490, -6.0881,  
-7.3221

■ 176.8000,  
-61.0334, -70.8616

■ 243.7660, 1.5944,  
1.9592

■ 168.6820,  
-68.8632, -79.5281

■ 247.3690, 3.7621,  
6.6924

■ 160.2650,  
-76.5456, -88.8094

■ 158.4990,  
-78.1400, -90.7686

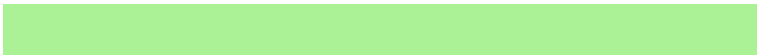
# Harmonies

## Analogous

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



216.8020, -46.7374, 10.6976



210.2830, -29.7195, -34.4512



197.6240, -0.3076, -88.2472

# Triad

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



210.2830, -29.7195, -34.4512



193.0170, 30.5576, -94.7309



206.2380, -4.0613, 42.7643

# Complementary

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



210.2830, -29.7195, -34.4512



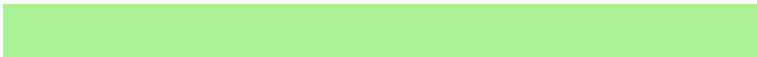
181.7170, 29.7195, 34.4512

# Split Complementary

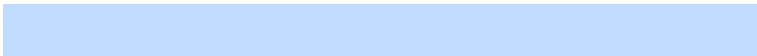
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



213.3400, 18.0734, 36.5358



210.2830, -29.7195, -34.4512



215.3190, 19.5627, -21.3278

# Square

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



210.2830, -29.7195, -34.4512



174.0590, 39.9039, -152.6497



222.7150, 15.9165, 28.3139



207.4510, -27.3373, 41.7005



# Rectangle

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



210.2830, -29.7195, -34.4512



173.8990, 29.1368, -152.5094



222.7150, 15.9165, 28.3139



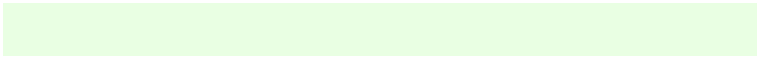
207.5890, 3.6536, 41.5794

# Sweetspot

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



210.2830, -29.7195, -34.4512



245.2300, -8.9874, -10.7257



219.1850, -34.1082, 20.0088



122.1750, -5.5093, -6.2925



0.0000, 0.0000, 0.0000

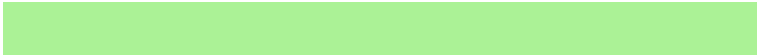


128.0000, 0.0000, 0.0000

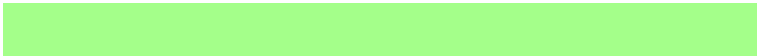


# Same Dimension

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



210.2830, -29.7195, -34.4512



214.4530, -37.6913, -44.2473



206.8540, -15.7040, -49.8610



115.9410, -3.9149, -4.3333



120.5660, -59.4390, -68.9024



36.7590, -18.1222, -20.8366



# Inverse Universe

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



181.7170, 29.7195, 34.4512



178.2480, 37.8387, 43.6325



185.1460, 15.7040, 49.8610



112.0590, 3.9149, 4.3333



63.4340, 59.4390, 68.9024



19.2410, 18.1222, 20.8366



# Previews

## White Background



This preview shows how the YUV color 210.2830, -29.7195, -34.4512 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 210.2830, -29.7195, -34.4512 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

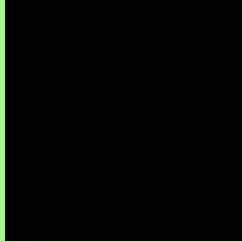
Any Text WCAG AA ✓ Pass

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 210.2830, -29.7195, -34.4512 Background



This preview shows how black text looks on a background with the YUV color 210.2830, -29.7195, -34.4512.



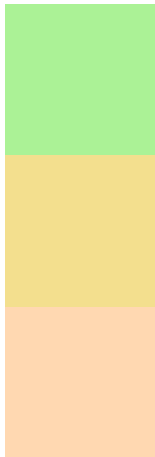
This preview shows how white text looks on a background with the YUV color 210.2830, -29.7195, -34.4512.

-34.4512.

# 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

210.2830, -29.7195, -34.4512

### Protanopia

219.7460, -38.3288, 20.3938

### Deuteranopia

223.2150, -22.7840, 27.8754



## Tritanopia

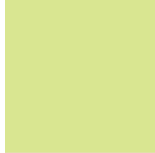
219.6080, 14.4903, -27.7202

# Trichromacy



## Original Color

210.2830, -29.7195, -34.4512



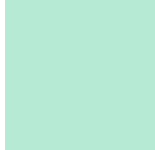
## Protanomaly

216.4230, -35.2115, 0.5060



## Deuteranomaly

218.0890, -25.1869, 5.1839



## Tritanomaly

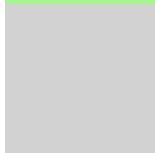
216.0580, -1.5076, -29.8689

# Monochromacy



## Original Color

210.2830, -29.7195, -34.4512



## Achromatopsia

210.0000, 0.0000, 0.0000



## Achromatomaly

210.3500, -11.0186, -12.5850

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 210.2830, -29.7195, -34.4512 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(171, 242, 150)` looks like.

```
.text, #text, p{  
    color:rgb(171, 242, 150)  
}
```

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(171, 242, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 242, 150) }
```

## Border

The CSS property to change the border of an element to YUV 210.2830, -29.7195, -34.4512 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(171, 242, 150) }
```



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

```
.border{ border-color:rgb(171, 242, 150) }
```

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

Here you see how a box with a 4 pixel rgb(171, 242, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 242, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 242, 150);  
box-shadow:4px 4px 4px 4px rgb(171, 242,  
150) }
```

# Background

The CSS property to change the background color of an element to YUV 210.2830, -29.7195, -34.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 242, 150) }
```

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

```
.background{ background-color: rgb(171,  
242, 150) }
```

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