

# Converting Colors

YUV(214.8230, -35.4087,  
-29.6628)

Have a look what the booklet for  
YUV(214.8230, -35.4087, -29.6628)  
contains.

<b>YUV(214.8230, -35.4087, -29.6628)</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(214.8230, -35.4087,  
-29.6628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5F68F
RGB	181, 246, 143
RGB Percent	71%, 96%, 56%
CMY	0.2902, 0.0353, 0.4392
CMYK	0.26, 0.00, 0.42, 0.04
HSL	98°, 85%, 76%
HSV	98°, 42%, 96%
XYZ	56.9697, 77.7185, 37.9851
YIQ	214.8230, -5.6770, -45.8130

# Conversions

## Conversions Part 2

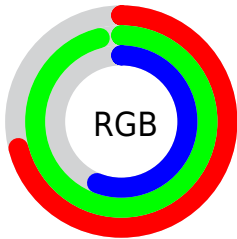
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 246, 208
Decimal	11925135
CIELab	90.65, -38.13, 43.09
CIElCh	91, 57.538, 131.508
Yxy	77.7185, 0.3299, 0.4501
Android (android.graphics.Color)	4290115215 (0xFFB5F68F)
YUV	214.8230, -35.4087, -29.6628
Hunter-Lab	88.1581, -38.9259, 36.1641

# Details

The YUV color **214.8230, -35.4087, -29.6628** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **174.1770, 35.4087, 29.6628**, and the grayscale version is **215.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.7180, -22.5390, -4.1377**, and **158.9910, -33.5196, -28.9331** is the 20% darker color. If you saturate the color by 10%, you get **207.1890, -43.9702, -36.9998**, and if you desaturate by 10%, it is **222.4570, -26.8473, -22.3258**.

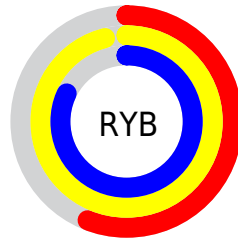
# Distribution



Red (71%)

Green (96%)

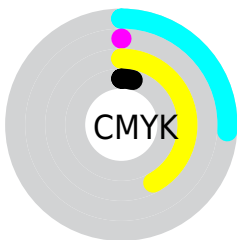
Blue (56%)



Red (56%)

Yellow (96%)

Blue (82%)

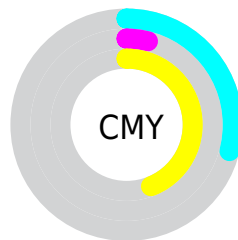


Cyan (26%)

Magenta (0%)

Yellow (42%)

Black (4%)



Cyan (29%)

Magenta (4%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 214.8230, -35.4087, -29.6628 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 214.8230, -35.4087, -29.6628 by changing the saturation by 10% instead.



■ 214.8230,  
-35.4087, -29.6628

■ 214.8230,  
-35.4087, -29.6628

255.0000, 0.0000,  
0.0000

■ 186.4640,  
-34.2458, -29.3479

■ 243.7180,  
-22.5390, -4.1377

■ 158.9910,  
-33.5196, -28.9331

■ 251.6940,  
-12.6671, 2.8994

■ 132.1050,  
-33.0828, -29.0331

■ 105.3330,  
-32.2092, -29.2330

■ 78.9800, -33.5141,  
-30.6775

■ 53.1840, -26.2197,  
-36.9954

■ 35.8070, -17.6529,

-31.4027

■ 23.4800, -11.5756,  
-20.5920

■ 2.3480, -1.1576,  
-2.0592

■ 214.8230,  
-35.4087, -29.6628

■ 214.8230,  
-35.4087, -29.6628

■ 207.1890,  
-43.9702, -36.9998

■ 222.4570,  
-26.8473, -22.3258

■ 199.9680,  
-52.2422, -43.8219

■ 229.6780,  
-18.5753, -15.5036

■ 192.3340,  
-60.8037, -51.1589

■ 237.3120,  
-10.0138, -8.1666

■ 185.1130,  
-69.0757, -57.9811

■ 244.5330, -1.7418,  
-1.3444

■ 177.4790,  
-77.6371, -65.3181

■ 249.7170, 2.6045,  
4.6332

■ 171.6110,  
-84.6042, -70.6958

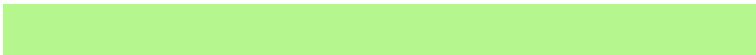
# Harmonies

## Analogous

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



221.5810, -51.5584, 17.0305



214.8230, -35.4087, -29.6628



201.6690, -5.2598, -86.5327

# Triad

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



214.8230, -35.4087, -29.6628



177.0820, 38.4136, -141.2689



207.4920, 0.7434, 41.6645

# Complementary

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



214.8230, -35.4087, -29.6628



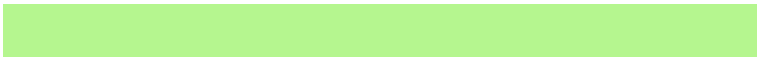
174.1770, 35.4087, 29.6628

# Split Complementary

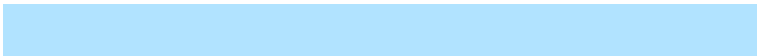
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



215.6710, 19.3892, 34.4915



214.8230, -35.4087, -29.6628



215.2420, 19.6007, -33.5382

# Square

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



214.8230, -35.4087, -29.6628



178.1680, 37.8782, -156.2533



226.2370, 14.1802, 25.2252

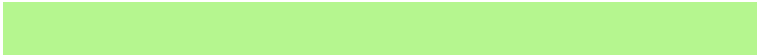


208.1350, -24.7166, 41.1006



# Rectangle

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



214.8230, -35.4087, -29.6628



175.7910, 26.2320, -154.1687



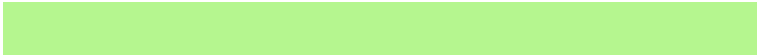
226.2370, 14.1802, 25.2252



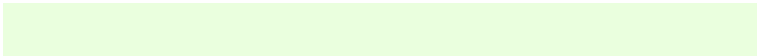
209.6580, 9.0426, 39.7649

# Sweetspot

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



214.8230, -35.4087, -29.6628



244.9590, -11.3188, -9.6110



211.3650, -33.7039, 30.3749



121.7190, -7.2565, -5.8926



0.0000, 0.0000, 0.0000

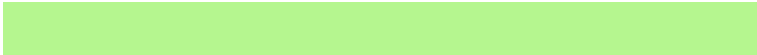


128.0000, 0.0000, 0.0000

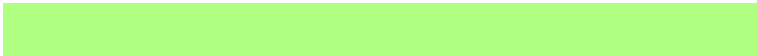


# Same Dimension

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



214.8230, -35.4087, -29.6628



216.6020, -43.6808, -36.4850



204.8290, -24.5657, -54.2240



118.5390, -4.2097, -3.1037



129.8130, -63.9978, -53.3330



41.2110, -20.3170, -16.8480



# Inverse Universe

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



174.1770, 35.4087, 29.6628



166.3980, 43.6808, 36.4850



184.1710, 24.5657, 54.2240



113.7600, 4.0623, 3.7185



56.1870, 63.9978, 53.3330

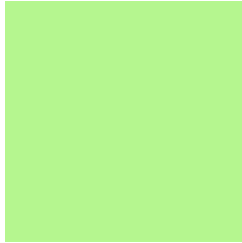


17.7890, 20.3170, 16.8480



# Previews

## White Background



This preview shows how the YUV color 214.8230, -35.4087, -29.6628 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 214.8230, -35.4087, -29.6628 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

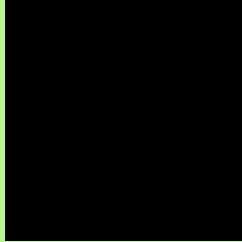
Any Text WCAG AA ✓ Pass

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 214.8230, -35.4087, -29.6628 Background



This preview shows how black text looks on a background with the YUV color 214.8230, -35.4087, -29.6628.



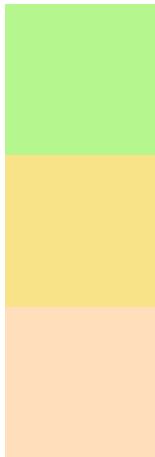
This preview shows how white text looks on a background with the YUV color 214.8230, -35.4087, -29.6628.

-29.6628.

# 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

214.8230, -35.4087, -29.6628

### Protanopia

223.2040, -42.9916, 22.6231

### Deuteranopia

227.8770, -20.1524, 23.7869



## Tritanopia

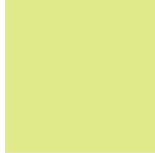
224.7010, 13.4584, -23.4168

# Trichromacy



## Original Color

214.8230, -35.4087, -29.6628



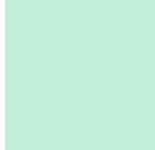
## Protanomaly

220.1800, -40.0217, 3.3501



## Deuteranomaly

223.2630, -25.7657, 4.1543



## Tritanomaly

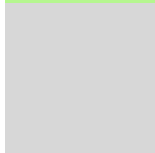
221.2820, -4.5760, -25.6803

# Monochromacy



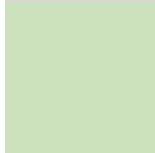
## Original Color

214.8230, -35.4087, -29.6628



## Achromatopsia

215.0000, 0.0000, 0.0000



## Achromatomaly

214.9050, -12.7712, -10.4407

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 214.8230, -35.4087, -29.6628 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(181, 246, 143)` looks like.

```
.text, #text, p{  
    color:rgb(181, 246, 143)  
}
```

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(181, 246, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 246, 143) }
```

## Border

The CSS property to change the border of an element to YUV 214.8230, -35.4087, -29.6628 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(181, 246, 143) }
```



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

```
.border{ border-color:rgb(181, 246, 143) }
```

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

Here you see how a box with a 4 pixel rgb(181, 246, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 246, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 246, 143);  
box-shadow:4px 4px 4px 4px rgb(181, 246,  
143) }
```

# Background

The CSS property to change the background color of an element to YUV 214.8230, -35.4087, -29.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 246, 143) }
```

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

```
.background{ background-color: rgb(181,  
246, 143) }
```

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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