

# Converting Colors

YUV(216.5280, -27.8683,  
-21.5111)

Have a look what the booklet for  
YUV(216.5280, -27.8683, -21.5111)  
contains.

<b>YUV(216.5280, -27.8683, -21.5111)</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(216.5280, -27.8683,  
-21.5111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0F0A0
RGB	192, 240, 160
RGB Percent	75%, 94%, 63%
CMY	0.2471, 0.0588, 0.3725
CMYK	0.20, 0.00, 0.33, 0.06
HSL	96°, 73%, 78%
HSV	96°, 33%, 94%
XYZ	59.2435, 76.0647, 44.8172
YIQ	216.5280, -2.9280, -35.0560

# Conversions

## Conversions Part 2

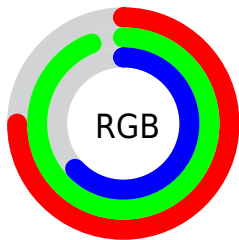
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 240, 208
Decimal	12644512
CIELab	89.89, -29.31, 33.79
CIElCh	90, 44.736, 130.937
Yxy	76.0647, 0.3289, 0.4223
Android (android.graphics.Color)	4290834592 (0xFFC0F0A0)
YUV	216.5280, -27.8683, -21.5111
Hunter-Lab	87.2151, -31.3749, 30.5832

# Details

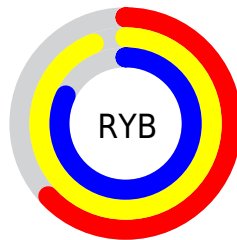
The YUV color **216.5280, -27.8683, -21.5111** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **183.4720, 27.8683, 21.5111**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **248.6460, -16.5875, 0.3105**, and **161.2830, -26.2685, -21.2962** is the 20% darker color. If you saturate the color by 10%, you get **209.6060, -36.2878, -27.7185**, and if you desaturate by 10%, it is **223.4500, -19.4488, -15.3036**.

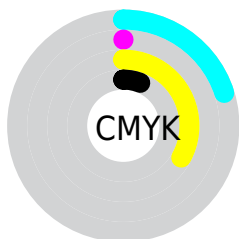
# Distribution



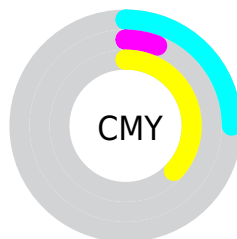
- Red (75%)
- Green (94%)
- Blue (63%)



- Red (63%)
- Yellow (94%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (6%)



- Cyan (25%)
- Magenta (6%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 216.5280, -27.8683, -21.5111 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 216.5280, -27.8683, -21.5111 by changing the saturation by 10% instead.



■ 216.5280,  
-27.8683, -21.5111

■ 216.5280,  
-27.8683, -21.5111

255.0000, 0.0000,  
0.0000

■ 188.6420,  
-27.4315, -21.6110

■ 248.6460,  
-16.5875, 0.3105

■ 161.2830,  
-26.2685, -21.2962

■ 253.7460, -4.8048,  
1.0998

■ 134.8100,  
-25.5423, -20.8814

■ 108.3370,  
-24.8161, -20.4665

■ 83.5650, -23.9425,  
-20.6665

■ 58.7390, -24.5213,  
-21.6961

■ 36.1500, -17.8219,

-23.8105

■ 21.1320, -10.4181,  
-18.5328

■ 0.0000, 0.0000,  
0.0000

■ 216.5280,  
-27.8683, -21.5111

■ 216.5280,  
-27.8683, -21.5111

■ 209.6060,  
-36.2878, -27.7185

■ 223.4500,  
-19.4488, -15.3036

■ 202.3850,  
-44.5598, -34.5406

■ 230.6710,  
-11.1768, -8.4815

■ 195.4630,  
-52.9793, -40.7481

■ 237.5930, -2.7573,  
-2.2741

■ 188.2420,  
-61.2513, -47.5702

■ 244.7000, 5.0779,  
4.6481

■ 181.3200,  
-69.6708, -53.7776

■ 246.1950, 4.3409,  
7.7220

■ 174.3980,  
-78.0902, -59.9850

■ 169.5840,  
-83.6049, -64.5332

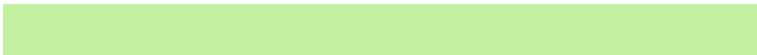
# Harmonies

## Analogous

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



221.9580, -39.9123, 14.9458



216.5280, -27.8683, -21.5111



209.0080, -5.9199, -61.3970

# Triad

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



216.5280, -27.8683, -21.5111



204.3570, 24.9670, -74.8581



213.7040, -0.8401, 36.2166

# Complementary

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



216.5280, -27.8683, -21.5111



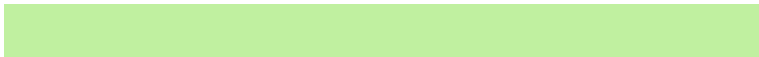
183.4720, 27.8683, 21.5111

# Split Complementary

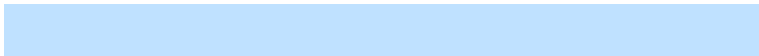
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.9540, 16.7847, 29.8583



216.5280, -27.8683, -21.5111



218.2540, 18.1158, -23.9018

# Square

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



216.5280, -27.8683, -21.5111



191.4120, 31.3489, -115.2483



226.8020, 13.9016, 21.2216

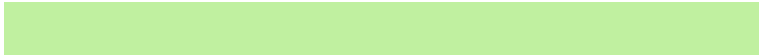


213.2530, -20.3377, 36.6121



# Rectangle

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



216.5280, -27.8683, -21.5111



202.4250, 11.6225, -88.0727



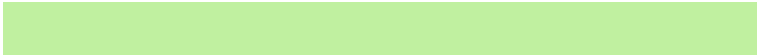
226.8020, 13.9016, 21.2216



215.3000, 5.2751, 34.8169

# Sweetspot

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



216.5280, -27.8683, -21.5111



247.6650, -8.7088, -6.7222



212.0960, -25.6833, 24.4718



123.1860, -5.5147, -4.5481



0.0000, 0.0000, 0.0000

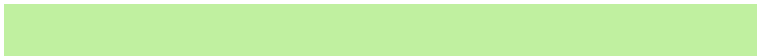


128.0000, 0.0000, 0.0000

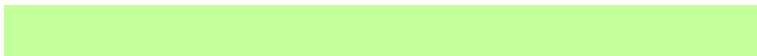


# Same Dimension

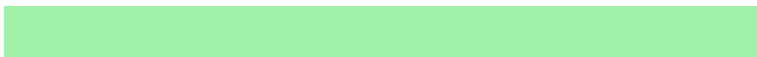
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.5280, -27.8683, -21.5111



225.1330, -35.5616, -27.3036



207.8720, -19.6569, -41.9837



116.5390, -4.2097, -3.1037



129.8350, -64.0087, -49.8443



39.4500, -19.4489, -15.3037



# Inverse Universe

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



183.4720, 27.8683, 21.5111



182.8670, 35.5616, 27.3036



192.1280, 19.6569, 41.9837



111.4610, 4.2097, 3.1037



53.8660, 64.1561, 49.2295



16.5500, 19.4489, 15.3036



# Previews

## White Background



This preview shows how the YUV color 216.5280, -27.8683, -21.5111 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

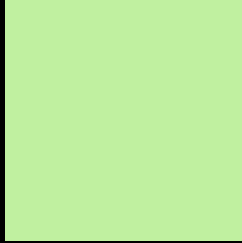
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 216.5280, -27.8683, -21.5111 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

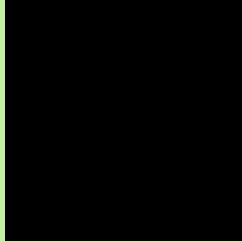
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

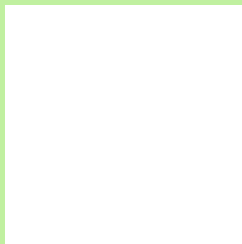
Any Text WCAG AAA ✓ Pass

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

# YUV 216.5280, -27.8683, -21.5111 Background



This preview shows how black text looks on a background with the YUV color 216.5280, -27.8683, -21.5111.



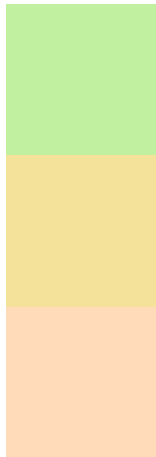
This preview shows how white text looks on a background with the YUV color 216.5280, -27.8683, -21.5111.

-21.5111.

# 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

216.5280, -27.8683, -21.5111

### Protanopia

222.5870, -33.8134, 18.7792

### Deuteranopia

226.0020, -19.7210, 25.4312



## Tritanopia

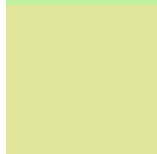
223.8760, 11.4001, -16.5543

# Trichromacy



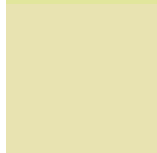
## Original Color

216.5280, -27.8683, -21.5111



## Protanomaly

220.0690, -31.5860, 4.3245



## Deuteranomaly

222.7950, -22.5769, 8.0728



## Tritanomaly

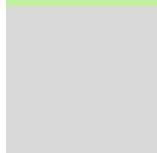
221.0810, -2.9979, -18.4880

# Monochromacy



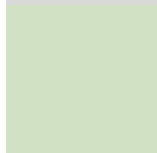
## Original Color

216.5280, -27.8683, -21.5111



## Achromatopsia

217.0000, 0.0000, 0.0000



## Achromatomaly

216.6110, -10.1612, -7.5518

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 216.5280, -27.8683, -21.5111 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(192, 240, 160)` looks like.

```
.text, #text, p{  
    color:rgb(192, 240, 160)  
}
```

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(192, 240, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 240, 160) }
```

## Border

The CSS property to change the border of an element to YUV 216.5280, -27.8683, -21.5111 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(192, 240, 160) }
```



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

```
.border{ border-color:rgb(192, 240, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 240, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 240, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 240, 160);  
box-shadow:4px 4px 4px 4px rgb(192, 240,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 216.5280, -27.8683, -21.5111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 240, 160) }
```

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

```
.background{ background-color: rgb(192,  
240, 160) }
```

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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