

# Converting Colors

YUV(213.6510, 15.9481,  
-28.6349)

Have a look what the booklet for  
YUV(213.6510, 15.9481, -28.6349)  
contains.

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# Color

**YUV(213.6510, 15.9481,  
-28.6349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E0F6
RGB	181, 224, 246
RGB Percent	71%, 88%, 96%
CMY	0.2902, 0.1216, 0.0353
CMYK	0.26, 0.09, 0.00, 0.04
HSL	200°, 78%, 84%
HSV	200°, 26%, 96%
XYZ	62.3463, 69.7889, 97.3734
YIQ	213.6510, -32.6900, -2.2740

# Conversions

## Conversions Part 2

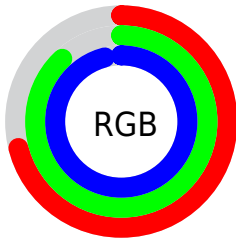
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 207, 246
Decimal	11919606
CIE Lab	86.89, -9.07, -15.29
CIE LCh	87, 17.774, 239.325
Yxy	69.7889, 0.2717, 0.3041
Android (android.graphics.Color)	4290109686 (0xFFB5E0F6)
YUV	213.6510, 15.9481, -28.6349
Hunter-Lab	83.5397, -12.9788, -10.6302

# Details

The YUV color  $213.6510, 15.9481, -28.6349$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $213.3490, -15.9481, 28.6349$ , and the grayscale version is  $214.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.9170, 2.5059, -10.4512$ , and  $158.8360, 15.3639, -27.9202$  is the 20% darker color. If you saturate the color by 10%, you get  $201.4800, 21.9484, -39.8860$ , and if you desaturate by 10%, it is  $225.8220, 9.9478, -17.3839$ .

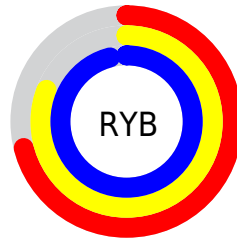
# Distribution



Red (71%)

Green (88%)

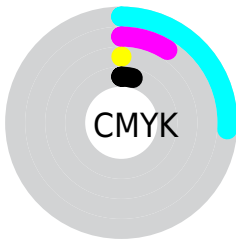
Blue (96%)



Red (71%)

Yellow (81%)

Blue (96%)

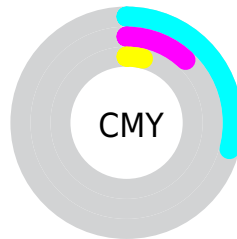


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (29%)

Magenta (12%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 213.6510, 15.9481, -28.6349 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 213.6510, 15.9481, -28.6349 by changing the saturation by 10% instead.



■ 213.6510, 15.9481,  
-28.6349

■ 213.6510, 15.9481,  
-28.6349

255.0000, 0.0000,  
0.0000

■ 185.6510, 15.9481,  
-28.6349

■ 249.9170, 2.5059,  
-10.4512

■ 158.8360, 15.3639,  
-27.9202

■ 131.8360, 15.3639,  
-27.9202

■ 106.6080, 14.4903,  
-27.7202

■ 81.3090, 14.6377,  
-28.3350

■ 56.9990, 14.7905,  
-30.6941

■ 34.1840, 14.2063,

-29.9794

■ 19.9360, 10.3846,  
-17.4839

■ 2.9810, 8.8834,  
-2.6143

■ 213.6510, 15.9481,  
-28.6349

■ 213.6510, 15.9481,  
-28.6349

■ 201.4800, 21.9484,  
-39.8860

■ 225.8220, 9.9478,  
-17.3839

■ 189.0210, 28.0906,  
-50.0074

■ 238.2810, 3.8055,  
-7.2624

■ 176.8500, 34.0909,  
-61.2584

■ 250.4520, -2.1948,  
3.9886

■ 164.9780, 39.9438,  
-71.8947

■ 253.9740, -3.9312,  
0.8998

■ 152.2200, 46.2335,  
-82.6309

■ 140.0490, 52.2338,  
-93.8820

■ 128.1770, 58.0867,  
-104.5182

■ 123.7250, 60.2816,  
-108.5068

# Harmonies

## Analogous

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



211.8370, 10.4334, -33.1830



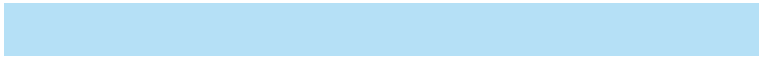
213.6510, 15.9481, -28.6349



216.6680, 16.9257, -15.4948

# Triad

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



213.6510, 15.9481, -28.6349



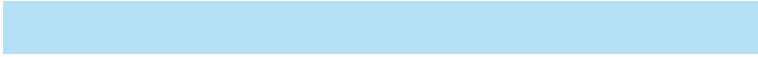
220.9370, -0.9549, 26.3653



215.4330, -13.5245, -2.1337

# Complementary

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



213.6510, 15.9481, -28.6349



213.3490, -15.9481, 28.6349

# 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.



217.1360, -16.3360, 13.0357



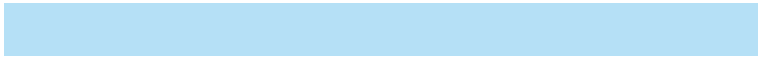
213.6510, 15.9481, -28.6349



220.1840, -8.9647, 28.7796

# Square

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



213.6510, 15.9481, -28.6349



220.9340, 6.9345, 15.8439



218.9570, -14.7688, 23.7167

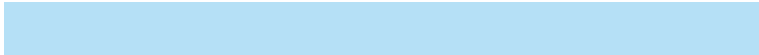


213.4680, -6.6397, -17.0734



# Rectangle

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



213.6510, 15.9481, -28.6349



218.2780, 15.1459, -4.6288



218.9570, -14.7688, 23.7167



215.8250, -14.7037, 2.7845

# Sweetspot

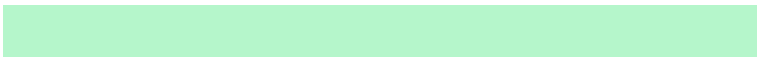
The Sweet Spot groups the original color and five complimentary colors.



213.6510, 15.9481, -28.6349



244.9110, 4.9739, -8.6919



221.6630, -9.2009, -35.6615



121.1780, 3.3632, -5.4181



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

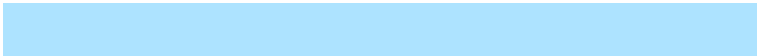


# Same Dimension

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



213.6510, 15.9481, -28.6349



214.0460, 20.1903, -35.9973



194.8670, 25.2086, -12.1614



116.0640, 2.9264, -5.3181



93.4050, 45.6493, -81.9162



29.6190, 14.4848, -25.9759



# Inverse Universe

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



205.3370, 9.2009, 35.6615



203.6740, 11.4997, 45.0129



232.1330, -25.2086, 12.1614



114.5000, 1.7255, 6.5775



69.6360, 26.3085, 102.0512

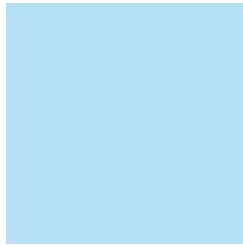


22.0870, 8.3381, 32.3727



# Previews

## White Background



This preview shows how the YUV color 213.6510, 15.9481, -28.6349 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

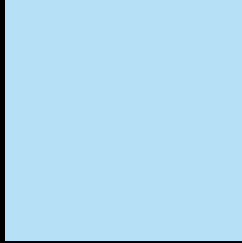
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 213.6510, 15.9481, -28.6349 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 213.6510, 15.9481, -28.6349

## Background



This preview shows how black text looks on a background with the YUV color 213.6510, 15.9481, -28.6349.



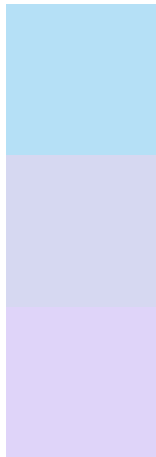
This preview shows how white text looks on a background with the YUV color 213.6510, 15.9481, -28.6349.

-28.6349.

# 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

213.6510, 15.9481, -28.6349

### Protanopia

218.2520, 11.2148, -3.7290

### Deuteranopia

219.5070, 14.5400, 3.0634



## Tritanopia

213.5970, 14.4957, -29.4646

# Trichromacy



## Original Color

213.6510, 15.9481, -28.6349

## Protanomaly

216.6530, 12.9891, -12.8507

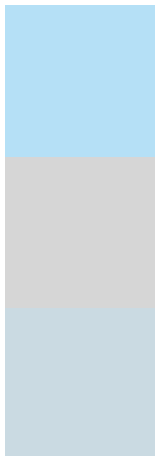
## Deuteranomaly

217.2560, 15.1568, -8.1175

## Tritanomaly

213.7110, 14.9325, -29.5645

# Monochromacy



## Original Color

213.6510, 15.9481, -28.6349

## Achromatopsia

214.0000, 0.0000, 0.0000

## Achromatomaly

214.1280, 5.8529, -10.6363

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 213.6510, 15.9481, -28.6349 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, 224, 246)` looks like.

```
.text, #text, p{  
    color:rgb(181, 224, 246)  
}
```

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, 224, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 224, 246) }
```

## Border

The CSS property to change the border of an element to YUV 213.6510, 15.9481, -28.6349 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, 224, 246) }
```



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

```
.border{ border-color:rgb(181, 224, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 224, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 224, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 224, 246);  
box-shadow:4px 4px 4px 4px rgb(181, 224,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 213.6510, 15.9481, -28.6349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 224, 246) }
```

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

```
.background{ background-color: rgb(181,  
224, 246) }
```

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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