

# Converting Colors

YUV(212.9930, 17.2585,  
-28.9349)

Have a look what the booklet for  
YUV(212.9930, 17.2585, -28.9349)  
contains.

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# Color

**YUV(212.9930, 17.2585,  
-28.9349)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B4DFF8
RGB	180, 223, 248
RGB Percent	71%, 87%, 97%
CMY	0.2941, 0.1255, 0.0275
CMYK	0.27, 0.10, 0.00, 0.03
HSL	202°, 83%, 84%
HSV	202°, 27%, 97%
XYZ	62.1533, 69.2560, 98.8988
YIQ	212.9930, -33.6530, -1.3410

# Conversions

## Conversions Part 2

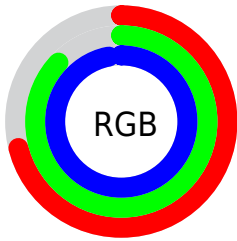
Format	Color
R <sub>Y</sub> B	180, 206, 248
Decimal	11853816
CIE Lab	86.63, -8.38, -16.74
CIE LCh	87, 18.723, 243.396
Yxy	69.2560, 0.2699, 0.3007
Android (android.graphics.Color)	4290043896 (0xFFB4DFF8)
YUV	212.9930, 17.2585, -28.9349
Hunter-Lab	83.2202, -12.3218, -12.2061

# Details

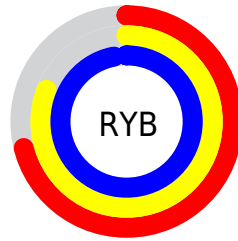
The YUV color **212.9930, 17.2585, -28.9349** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **215.0070, -17.2585, 28.9349**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6180, 2.6533, -11.0660**, and **158.1780, 16.6742, -28.2201** is the 20% darker color. If you saturate the color by 10%, you get **200.2350, 23.5481, -39.6711**, and if you desaturate by 10%, it is **225.7510, 10.9688, -18.1986**.

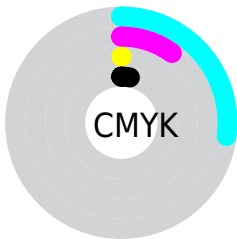
# Distribution



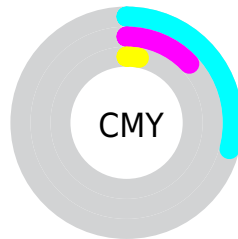
- Red (71%)
- Green (87%)
- Blue (97%)



- Red (71%)
- Yellow (81%)
- Blue (97%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (29%)
- Magenta (13%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 212.9930, 17.2585, -28.9349 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 212.9930, 17.2585, -28.9349 by changing the saturation by 10% instead.



■ 212.9930, 17.2585,  
-28.9349

■ 212.9930, 17.2585,  
-28.9349

255.0000, 0.0000,  
0.0000

■ 184.8790, 16.8217,  
-28.8349

■ 249.6180, 2.6533,  
-11.0660

■ 158.1780, 16.6742,  
-28.2201

■ 131.0640, 16.2374,  
-28.1201

■ 105.6510, 15.9481,  
-28.6349

■ 80.6510, 15.9481,  
-28.6349

■ 55.6290, 15.9589,  
-32.1236

■ 34.4120, 15.0799,

-30.1793

■ 19.5770, 11.5475,  
-17.1690

■ 3.0950, 9.3202,  
-2.7143

■ 212.9930, 17.2585,  
-28.9349

■ 212.9930, 17.2585,  
-28.9349

■ 200.2350, 23.5481,  
-39.6711

■ 225.7510, 10.9688,  
-18.1986

■ 187.4770, 29.8378,  
-50.4073

■ 238.5090, 4.6791,  
-7.4624

■ 175.0180, 35.9801,  
-60.5288

■ 250.9680, -1.4632,  
2.6591

■ 162.2600, 42.2698,  
-71.2650

■ 254.2020, -3.0576,  
0.6998

■ 148.9150, 48.8489,  
-81.4865

■ 136.1570, 55.1386,  
-92.2227

■ 123.3990, 61.4283,  
-102.9589

■ 120.4310, 62.8915,  
-105.6180

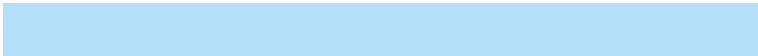
# Harmonies

## Analogous

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



210.6950, 12.4754, -34.8125



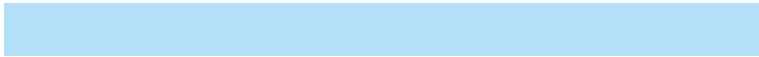
212.9930, 17.2585, -28.9349



216.4940, 17.5045, -14.4652

# Triad

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



212.9930, 17.2585, -28.9349



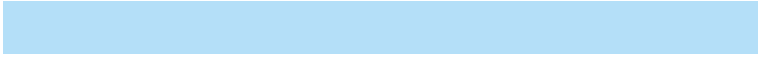
220.4920, -2.7076, 28.5095



214.1230, -13.3716, -4.4929

# Complementary

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



212.9930, 17.2585, -28.9349



215.0070, -17.2585, 28.9349

# 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.



216.0110, -16.7674, 11.3914



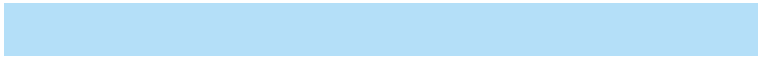
212.9930, 17.2585, -28.9349



219.4400, -10.5699, 30.3091

# Square

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



212.9930, 17.2585, -28.9349



220.4290, 6.1975, 18.9178



217.7290, -15.6424, 23.9167



211.9730, -5.9027, -20.1473



# Rectangle

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



212.9930, 17.2585, -28.9349



218.2890, 15.1405, -2.8845



217.7290, -15.6424, 23.9167



214.7000, -15.1351, 1.1401

# Sweetspot

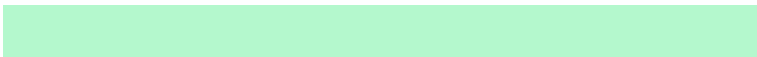
The Sweet Spot groups the original color and five complimentary colors.



212.9930, 17.2585, -28.9349



244.9110, 4.9739, -8.6919



222.7660, -8.7586, -37.5058



121.1780, 3.3632, -5.4181



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

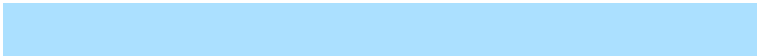


# Same Dimension

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



212.9930, 17.2585, -28.9349



211.6870, 21.3533, -35.6825



193.0350, 27.0977, -11.4317



118.1780, 3.3632, -5.4181



91.3990, 48.1173, -80.1569



29.8470, 15.3584, -26.1758



# Inverse Universe

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



205.2340, 8.7586, 37.5058



202.1580, 10.7681, 46.3424



234.9650, -27.0977, 11.4317



116.7990, 1.5781, 7.1923



70.0770, 24.1190, 104.2955

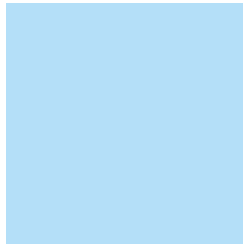


22.6850, 8.0433, 33.6023



# Previews

## White Background



This preview shows how the YUV color 212.9930, 17.2585, -28.9349 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

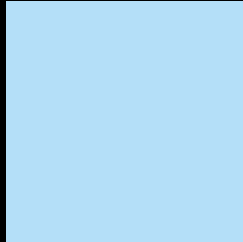
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 212.9930, 17.2585, -28.9349 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

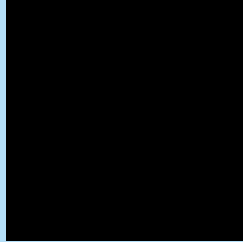
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

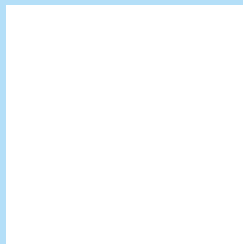
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 212.9930, 17.2585, -28.9349

## Background



This preview shows how black text looks on a background with the YUV color 212.9930, 17.2585, -28.9349.



This preview shows how white text looks on a background with the YUV color 212.9930, 17.2585, -28.9349.



# 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

212.9930, 17.2585, -28.9349

### Protanopia

217.2950, 12.6726, -4.6437

### Deuteranopia

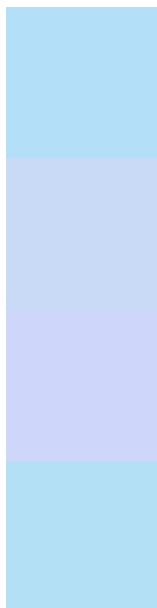
218.4360, 15.5611, 2.2486



## Tritanopia

212.5970, 14.4957, -29.4646

# Trichromacy



## Original Color

212.9930, 17.2585, -28.9349

## Protanomaly

215.6960, 14.4469, -13.7654

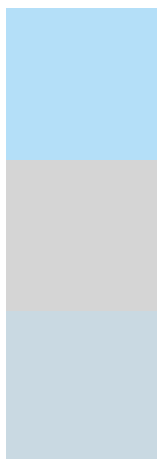
## Deuteranomaly

216.1850, 16.1778, -8.9322

## Tritanomaly

212.8250, 15.3693, -29.6645

# Monochromacy



## Original Color

212.9930, 17.2585, -28.9349

## Achromatopsia

213.0000, 0.0000, 0.0000

## Achromatomaly

213.2420, 6.2897, -10.7362

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 212.9930, 17.2585, -28.9349 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(180, 223, 248)` looks like.

```
.text, #text, p{  
    color:rgb(180, 223, 248)  
}
```

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(180, 223, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 223, 248) }
```

## Border

The CSS property to change the border of an element to YUV 212.9930, 17.2585, -28.9349 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(180, 223, 248) }
```



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

```
.border{ border-color:rgb(180, 223, 248) }
```

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

Here you see how a box with a 4 pixel rgb(180, 223, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 223, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 223, 248);  
box-shadow:4px 4px 4px 4px rgb(180, 223,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 212.9930, 17.2585, -28.9349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 223, 248) }
```

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

```
.background{ background-color: rgb(180,  
223, 248) }
```

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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