

# Converting Colors

YUV(233.2830, 10.7065,  
-27.4352)

Have a look what the booklet for  
YUV(233.2830, 10.7065, -27.4352)  
contains.

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# Color

**YUV(233.2830, 10.7065,  
-27.4352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CAF5FF
RGB	202, 245, 255
RGB Percent	79%, 96%, 100%
CMY	0.2078, 0.0392, 0.0000
CMYK	0.21, 0.04, 0.00, 0.00
HSL	191°, 100%, 90%
HSV	191°, 21%, 100%
XYZ	75.0595, 85.0814, 107.0740
YIQ	233.2830, -28.8380, -6.0060

# Conversions

## Conversions Part 2

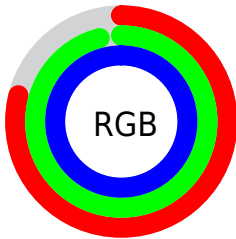
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 226, 255
Decimal	13301247
CIE Lab	93.92, -11.63, -9.37
CIE LCh	94, 14.932, 218.876
Yxy	85.0814, 0.2809, 0.3184
Android (android.graphics.Color)	4291491327 (0xFFCAF5FF)
YUV	233.2830, 10.7065, -27.4352
Hunter-Lab	92.2396, -16.1657, -4.2576

# Details

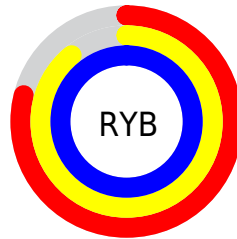
The YUV color  $233.2830, 10.7065, -27.4352$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $223.7170, -10.7065, 27.4352$ , and the grayscale version is  $233.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $177.4680, 10.1223, -26.7204$  is the 20% darker color. If you saturate the color by 10%, you get  $222.8730, 15.8386, -40.2306$ , and if you desaturate by 10%, it is  $243.6930, 5.5744, -14.6398$ .

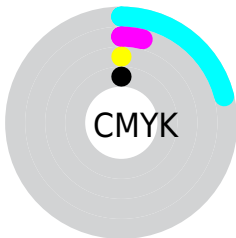
# Distribution



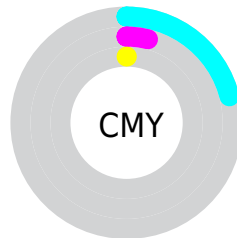
- Red (79%)
- Green (96%)
- Blue (100%)



- Red (79%)
- Yellow (89%)
- Blue (100%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 233.2830, 10.7065, -27.4352 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 233.2830, 10.7065, -27.4352 by changing the saturation by 10% instead.



233.2830, 10.7065,  
-27.4352

233.2830, 10.7065,  
-27.4352

255.0000, 0.0000,  
0.0000

205.1690, 10.2697,  
-27.3352

177.4680, 10.1223,  
-26.7204

150.7670, 9.9749,  
-26.1057

124.1800, 10.2643,  
-25.5909

99.0660, 9.8275,  
-25.4909

74.6530, 9.5381,  
-26.0057

50.1690, 10.2697,

-27.3352

■ 28.9520, 9.3907,  
-25.3909

■ 15.4050, 5.7163,  
-13.5102

■ 233.2830, 10.7065,  
-27.4352

■ 233.2830, 10.7065,  
-27.4352

■ 222.8730, 15.8386,  
-40.2306

■ 243.6930, 5.5744,  
-14.6398

■ 212.1640, 21.1181,  
-53.6408

■ 254.4020, 0.2948,  
-1.2296

■ 202.0420, 26.1083,  
-67.5658

■ 255.0000, 0.0000,  
0.0000

■ 191.6320, 31.2404,  
-80.3613

■ 181.2220, 36.3726,  
-93.1567

■ 170.5130, 41.6521,  
-106.5669

■ 160.1030, 46.7842,  
-119.3623

■ 150.5790, 51.4796,  
-132.0578

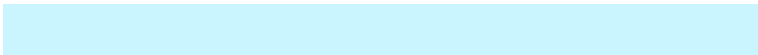
# Harmonies

## Analogous

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



232.5730, 4.1545, -25.9355



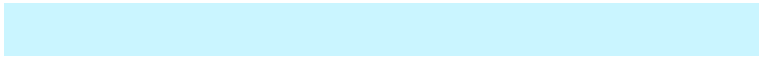
233.2830, 10.7065, -27.4352



234.2130, 10.2480, -20.3578

# Triad

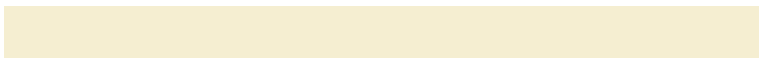
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.2830, 10.7065, -27.4352



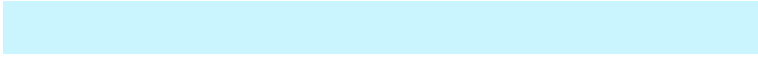
238.9400, 4.4666, 14.0846



236.7870, -13.6990, 7.2028

# Complementary

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



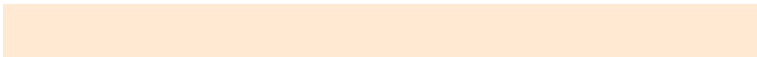
233.2830, 10.7065, -27.4352



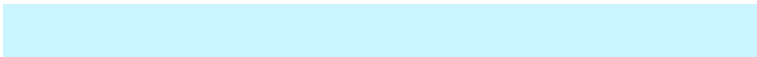
223.7170, -10.7065, 27.4352

# 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.



237.0700, -12.8525, 15.7246



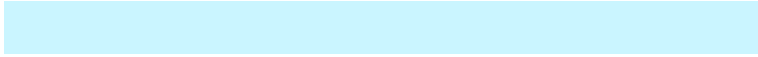
233.2830, 10.7065, -27.4352



236.7570, -1.3592, 15.9991

# Square

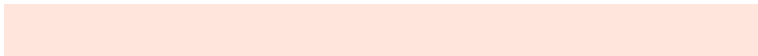
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



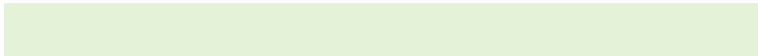
233.2830, 10.7065, -27.4352



239.3950, 7.6933, 5.7926



235.7480, -7.7638, 16.8840

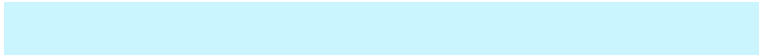


234.7360, -9.7298, -5.9075

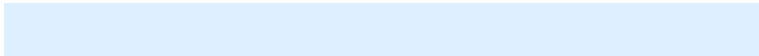


# Rectangle

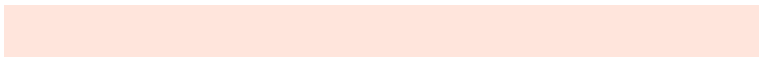
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



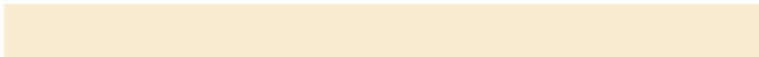
233.2830, 10.7065, -27.4352



235.7410, 9.4947, -12.0509



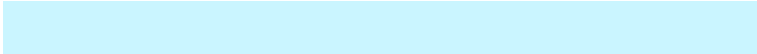
235.7480, -7.7638, 16.8840



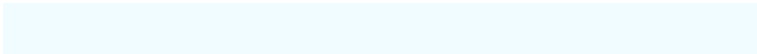
237.1080, -13.8572, 11.3063

# Sweetspot

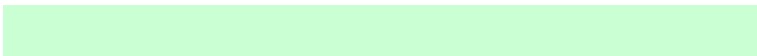
The Sweet Spot groups the original color and five complimentary colors.



233.2830, 10.7065, -27.4352



248.7540, 3.0793, -7.6773



234.2510, -10.9697, -28.2841



124.1350, 1.9054, -4.5034



0.0000, 0.0000, 0.0000

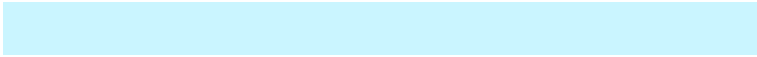


128.0000, 0.0000, 0.0000

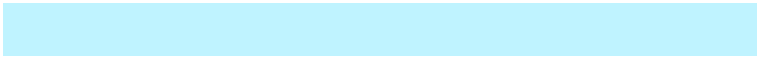


# Same Dimension

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



233.2830, 10.7065, -27.4352



228.8200, 12.9067, -33.1681



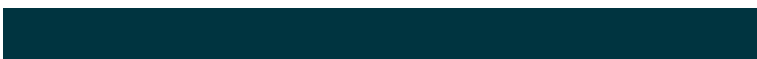
218.0210, 18.2306, -14.0504



122.3520, 2.7845, -6.4477



112.7590, 38.5728, -98.8896



37.8200, 12.9067, -33.1681



# Inverse Universe

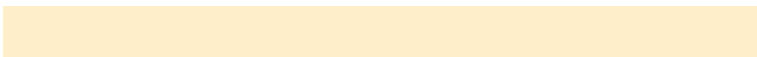
The Inverse Universe completely reimagines the original color for something new.



222.7490, 10.9697, 28.2841



216.0640, 13.2794, 34.1469



238.9790, -18.2306, 14.0504



120.0270, 2.4517, 6.9923



74.7790, 39.5490, 101.9258

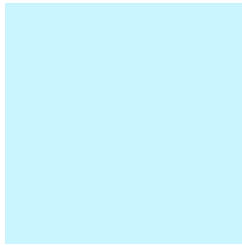


25.0640, 13.2794, 34.1469



# Previews

## White Background



This preview shows how the YUV color 233.2830, 10.7065, -27.4352 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

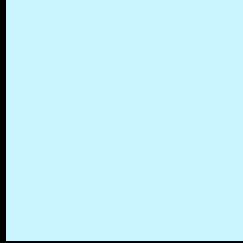
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 233.2830, 10.7065, -27.4352 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 233.2830, 10.7065, -27.4352

## Background



This preview shows how black text looks on a background with the YUV color 233.2830, 10.7065, -27.4352.



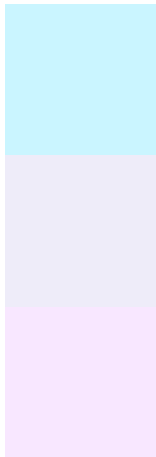
This preview shows how white text looks on a background with the YUV color 233.2830, 10.7065, -27.4352.

-27.4352.

# 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

233.2830, 10.7065, -27.4352

### Protanopia

238.0800, 5.3836, -0.0702

### Deuteranopia

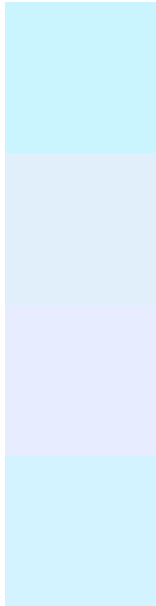
238.8190, 7.9772, 8.0517



## **Tritanopia**

235.4090, 9.6584, -17.8987

# Trichromacy



## Original Color

233.2830, 10.7065, -27.4352

## Protanomaly

236.1820, 7.3053, -9.8066

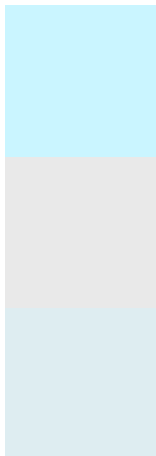
## Deuteranomaly

236.6710, 9.0362, -4.9735

## Tritanomaly

234.5010, 10.1060, -21.4874

# Monochromacy



## Original Color

233.2830, 10.7065, -27.4352

## Achromatopsia

233.0000, 0.0000, 0.0000

## Achromatomaly

232.9710, 3.9583, -9.6216

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 233.2830, 10.7065, -27.4352 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(202, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 245, 255)  
}
```

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(202, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 245, 255) }
```

## Border

The CSS property to change the border of an element to YUV 233.2830, 10.7065, -27.4352 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(202, 245, 255) }
```



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

```
.border{ border-color:rgb(202, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 245,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 233.2830, 10.7065, -27.4352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 245, 255) }
```

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

```
.background{ background-color: rgb(202,  
245, 255) }
```

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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