

# Converting Colors

YUV(230.4350, 10.1385,  
-31.9535)

Have a look what the booklet for  
YUV(230.4350, 10.1385, -31.9535)  
contains.

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# Color

**YUV(230.4350, 10.1385,  
-31.9535)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2F5FB
RGB	194, 245, 251
RGB Percent	76%, 96%, 98%
CMY	0.2392, 0.0392, 0.0157
CMYK	0.23, 0.02, 0.00, 0.02
HSL	186°, 88%, 87%
HSV	186°, 23%, 98%
XYZ	72.3131, 83.7392, 103.6188
YIQ	230.4350, -32.3220, -8.9460

# Conversions

## Conversions Part 2

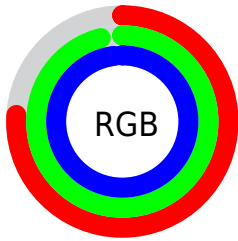
Format	Color
<a href="#">RYB</a>	<a href="#">194, 221, 251</a>
Decimal	<a href="#">12776955</a>
CIELab	<a href="#">93.34, -14.83, -8.21</a>
CIElCh	<a href="#">93, 16.949, 208.977</a>
Yxy	<a href="#">83.7392, 0.2785, 0.3225</a>
Android (android.graphics.Color)	<a href="#">4290967035</a> ( <a href="#">0xFFC2F5FB</a> )
YUV	<a href="#">230.4350, 10.1385, -31.9535</a>
Hunter-Lab	<a href="#">91.5091, -19.0851, -3.0796</a>

# Details

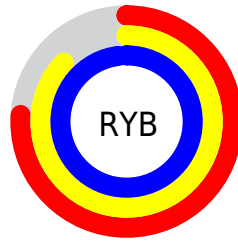
The YUV color  $230.4350, 10.1385, -31.9535$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $214.5650, -10.1385, 31.9535$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8040, 0.5896, -2.4591$ , and  $174.7340, 9.9911, -31.3387$  is the 20% darker color. If you saturate the color by 10%, you get  $221.1990, 14.6919, -45.7785$ , and if you desaturate by 10%, it is  $239.6710, 5.5852, -18.1285$ .

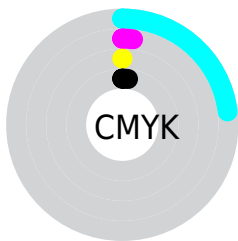
# Distribution



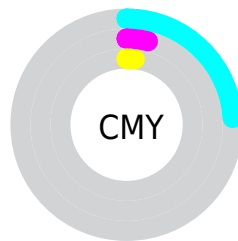
- Red (76%)
- Green (96%)
- Blue (98%)



- Red (76%)
- Yellow (87%)
- Blue (98%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.4350, 10.1385, -31.9535 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 230.4350, 10.1385, -31.9535 by changing the saturation by 10% instead.



230.4350, 10.1385,  
-31.9535

230.4350, 10.1385,  
-31.9535

255.0000, 0.0000,  
0.0000

202.3210, 9.7017,  
-31.8535

253.8040, 0.5896,  
-2.4591

174.7340, 9.9911,  
-31.3387

147.9190, 9.4069,  
-30.6240

121.3320, 9.6963,  
-30.1092

95.9190, 9.4069,  
-30.6240

71.0330, 9.8437,  
-30.7239

45.5270, 10.5862,

-35.5422

■ 28.6100, 8.0803,  
-25.0910

■ 15.1770, 4.8427,  
-13.3102

■ 230.4350, 10.1385,  
-31.9535

■ 230.4350, 10.1385,  
-31.9535

■ 221.1990, 14.6919,  
-45.7785

■ 239.6710, 5.5852,  
-18.1285

■ 212.5500, 18.9559,  
-60.1183

■ 248.3200, 1.3212,  
-3.7886

■ 203.3140, 23.5092,  
-73.9434

■ 253.3700, -1.1684,  
1.4295

■ 194.0780, 28.0625,  
-87.7684

■ 254.5440, -1.7472,  
0.3999

■ 185.4290, 32.3265,  
-102.1082

■ 175.8940, 37.0273,  
-116.5480

■ 167.2450, 41.2912,  
-130.8879

■ 160.6890, 44.5233,  
-140.9243

# Harmonies

## Analogous

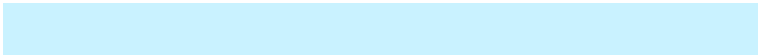
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.6930, 2.1234, -27.7948



230.4350, 10.1385, -31.9535



231.2230, 11.7221, -26.5056

# Triad

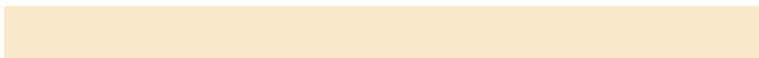
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.4350, 10.1385, -31.9535



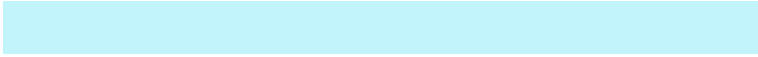
238.3360, 7.2294, 14.6143



235.2500, -15.8993, 12.9358

# Complementary

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



230.4350, 10.1385, -31.9535



214.5650, -10.1385, 31.9535

# 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.



234.3800, -13.0053, 18.0837



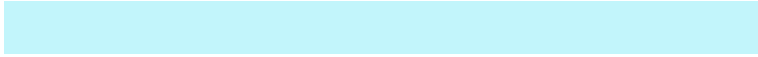
230.4350, 10.1385, -31.9535



235.3380, 0.8194, 17.2436

# Square

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



230.4350, 10.1385, -31.9535



236.4160, 9.1619, 1.3892



234.1010, -6.4588, 18.3284



233.8460, -13.2351, -1.6189

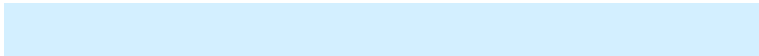


# Rectangle

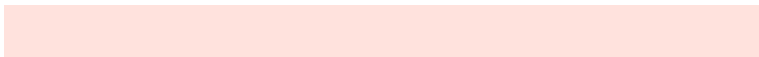
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



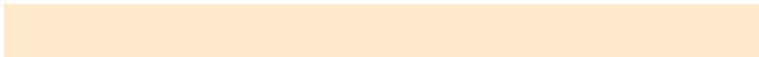
230.4350, 10.1385, -31.9535



232.4520, 11.1162, -18.8134



234.1010, -6.4588, 18.3284



236.2720, -15.9101, 16.4245

# Sweetspot

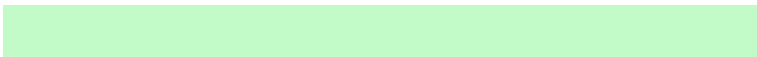
The Sweet Spot groups the original color and five complimentary colors.



230.4350, 10.1385, -31.9535



248.4440, 3.2321, -10.0364



228.1430, -13.8745, -29.9434



123.5370, 2.2003, -5.7329



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.



230.4350, 10.1385, -31.9535



230.2600, 12.1968, -38.8160



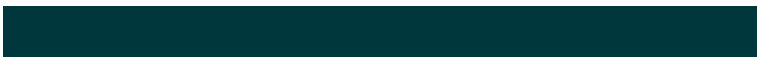
213.9990, 18.2415, -17.5391



120.5260, 2.2057, -7.4773



120.7490, 33.6477, -105.8969



39.2390, 10.7282, -34.4126



# Inverse Universe

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



216.8570, 13.8745, 29.9434



213.6990, 16.9104, 36.2210



231.0010, -18.2415, 17.5391



117.2550, 3.3253, 6.7924



75.7770, 45.9589, 99.2966

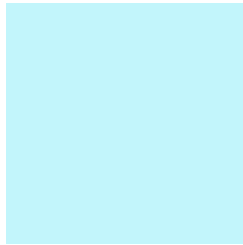


24.5090, 15.0321, 32.0026



# Previews

## White Background



This preview shows how the YUV color 230.4350, 10.1385, -31.9535 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

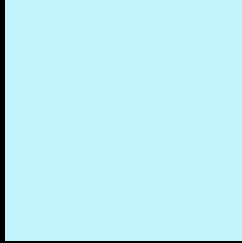
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.4350, 10.1385, -31.9535 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 230.4350, 10.1385, -31.9535

## Background



This preview shows how black text looks on a background with the YUV color 230.4350, 10.1385, -31.9535.



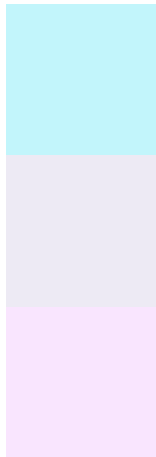
This preview shows how white text looks on a background with the YUV color 230.4350, 10.1385, -31.9535.

-31.9535.

# 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

230.4350, 10.1385, -31.9535

### Protanopia

236.0370, 3.9258, 0.8446

### Deuteranopia

237.8300, 7.9718, 9.7961



## Tritanopia

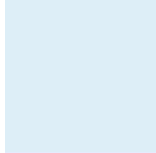
233.0280, 10.8322, -21.0726

# Trichromacy



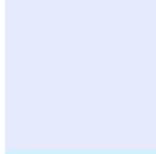
## Original Color

230.4350, 10.1385, -31.9535



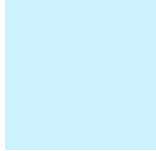
## Protanomaly

233.9430, 6.4371, -11.3510



## Deuteranomaly

235.2580, 8.7468, -5.4883



## Tritanomaly

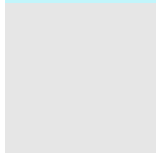
232.0060, 10.8430, -24.5613

# Monochromacy



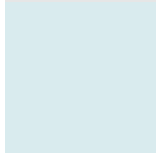
## Original Color

230.4350, 10.1385, -31.9535



## Achromatopsia

230.0000, 0.0000, 0.0000



## Achromatomaly

229.9600, 3.9637, -11.3659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.4350, 10.1385, -31.9535 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(194, 245, 251)` looks like.

```
.text, #text, p{  
    color:rgb(194, 245, 251)  
}
```

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(194, 245, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 245, 251) }
```

## Border

The CSS property to change the border of an element to YUV 230.4350, 10.1385, -31.9535 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(194, 245, 251) }
```



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

```
.border{ border-color:rgb(194, 245, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 245, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 245, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 245, 251);  
box-shadow:4px 4px 4px 4px rgb(194, 245,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 230.4350, 10.1385, -31.9535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 245, 251) }
```

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

```
.background{ background-color: rgb(194,  
245, 251) }
```

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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