

# Converting Colors

YUV(230.0930, 8.8282,  
-31.6536)

Have a look what the booklet for  
YUV(230.0930, 8.8282, -31.6536)  
contains.

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# Color

**YUV(230.0930, 8.8282,  
-31.6536)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2F5F8
RGB	194, 245, 248
RGB Percent	76%, 96%, 97%
CMY	0.2392, 0.0392, 0.0275
CMYK	0.22, 0.01, 0.00, 0.03
HSL	183°, 79%, 87%
HSV	183°, 22%, 97%
XYZ	71.8438, 83.5515, 101.1474
YIQ	230.0930, -31.3590, -9.8790

# Conversions

## Conversions Part 2

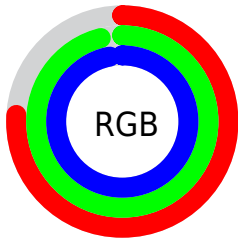
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 220, 248
Decimal	12776952
CIELab	93.26, -15.46, -6.78
CIELCh	93, 16.884, 203.660
Yxy	83.5515, 0.2800, 0.3257
Android (android.graphics.Color)	4290967032 (0xFFC2F5F8)
YUV	230.0930, 8.8282, -31.6536
Hunter-Lab	91.4065, -19.6636, -1.6238

# Details

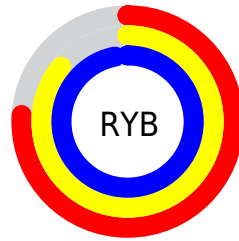
The YUV color  $230.0930, 8.8282, -31.6536$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $211.9070, -8.8282, 31.6536$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $253.8040, 0.5896, -2.4591$ , and  $174.3920, 8.6807, -31.0388$  is the 20% darker color. If you saturate the color by 10%, you get  $222.0310, 12.8027, -46.5082$ , and if you desaturate by 10%, it is  $238.1550, 4.8536, -16.7989$ .

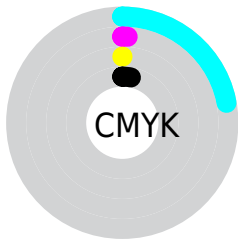
# Distribution



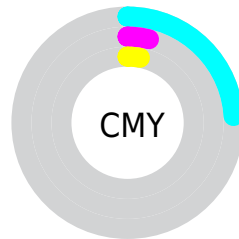
- Red (76%)
- Green (96%)
- Blue (97%)



- Red (76%)
- Yellow (86%)
- Blue (97%)



- Cyan (22%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (24%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.0930, 8.8282, -31.6536 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 230.0930, 8.8282, -31.6536 by changing the saturation by 10% instead.



230.0930, 8.8282,  
-31.6536

230.0930, 8.8282,  
-31.6536

255.0000, 0.0000,  
0.0000

201.9790, 8.3914,  
-31.5536

253.8040, 0.5896,  
-2.4591

174.3920, 8.6807,  
-31.0388

147.6910, 8.5333,  
-30.4240

120.9900, 8.3859,  
-29.8092

95.9900, 8.3859,  
-29.8092

70.6910, 8.5333,  
-30.4240

45.5980, 9.5652,

-34.7274

■ 28.3820, 7.2067,  
-24.8910

■ 14.3620, 4.2585,  
-12.5955

■ 230.0930, 8.8282,  
-31.6536

■ 230.0930, 8.8282,  
-31.6536

■ 222.0310, 12.8027,  
-46.5082

■ 238.1550, 4.8536,  
-16.7989

■ 213.3820, 17.0667,  
-60.8480

■ 246.8040, 0.5896,  
-2.4591

■ 205.6190, 20.8938,  
-75.0879

■ 250.6800, -1.3212,  
3.7886

■ 196.9700, 25.1578,  
-89.4277

■ 251.8540, -1.9000,  
2.7590

■ 188.9080, 29.1324,  
-104.2823

■ 252.4410, -2.1894,  
2.2442

■ 180.8460, 33.1069,  
-119.1369

■ 253.0280, -2.4788,  
1.7294

■ 172.1970, 37.3709,  
-133.4768

■ 254.2020, -3.0576,  
0.6998

■ 165.6300, 40.6084,  
-145.2575

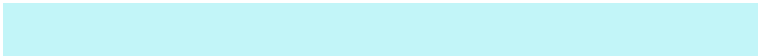
# Harmonies

## Analogous

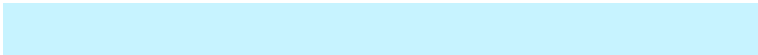
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.2480, 0.3707, -25.6505



230.0930, 8.8282, -31.6536



231.2120, 11.7275, -28.2499

# Triad

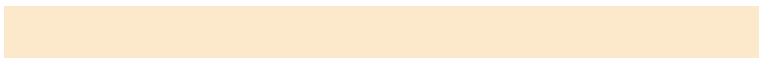
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.0930, 8.8282, -31.6536



238.8520, 7.9610, 13.2848



235.3750, -15.4679, 14.5801

# Complementary

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



230.0930, 8.8282, -31.6536



211.9070, -8.8282, 31.6536

# 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.



234.0210, -11.8424, 18.3986



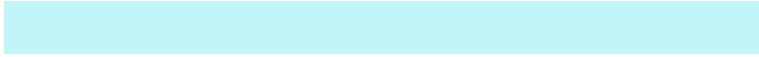
230.0930, 8.8282, -31.6536



235.6800, 2.1298, 16.9436

# Square

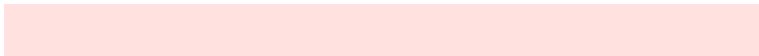
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.0930, 8.8282, -31.6536



236.1060, 9.3147, -0.9700



233.7420, -5.2958, 18.6433

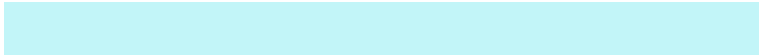


234.0420, -13.8247, 0.8402

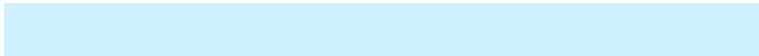


# Rectangle

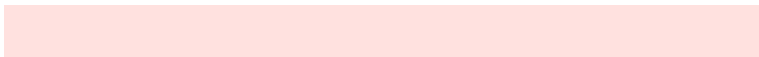
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



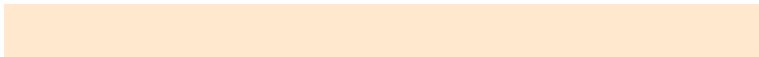
230.0930, 8.8282, -31.6536



232.1420, 11.2690, -21.1725



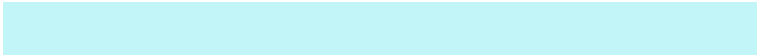
233.7420, -5.2958, 18.6433



235.7990, -15.1839, 16.8393

# Sweetspot

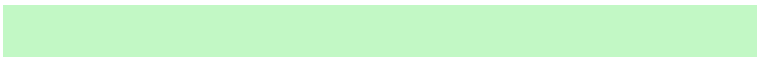
The Sweet Spot groups the original color and five complimentary colors.



230.0930, 8.8282, -31.6536



249.0310, 2.9427, -10.5512



226.0400, -14.3167, -28.0991



124.1240, 1.9109, -6.2477



0.0000, 0.0000, 0.0000

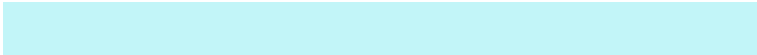


128.0000, 0.0000, 0.0000



# Same Dimension

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



230.0930, 8.8282, -31.6536



232.9180, 10.8864, -38.5161



214.2440, 16.6417, -17.7540



120.5260, 2.2057, -7.4773



126.0320, 31.0432, -110.5301



41.0000, 9.8600, -35.9570



# Inverse Universe

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



215.9600, 14.3167, 28.0991



215.8020, 17.3526, 34.3766



227.7560, -16.6417, 17.7540



117.2550, 3.3253, 6.7924



76.8030, 49.8901, 98.3968

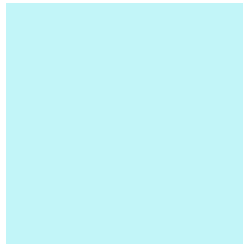


24.8510, 16.3425, 31.7027



# Previews

## White Background



This preview shows how the YUV color 230.0930, 8.8282, -31.6536 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

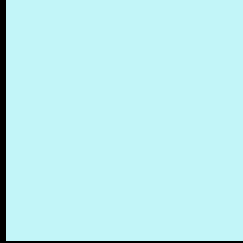
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.0930, 8.8282, -31.6536 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 230.0930, 8.8282, -31.6536

## Background



This preview shows how black text looks on a background with the YUV color 230.0930, 8.8282, -31.6536.



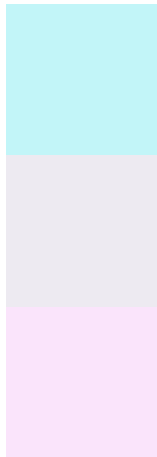
This preview shows how white text looks on a background with the YUV color 230.0930, 8.8282, -31.6536.

-31.6536.

# 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

230.0930, 8.8282, -31.6536

### Protanopia

235.6950, 2.6154, 1.1445

### Deuteranopia

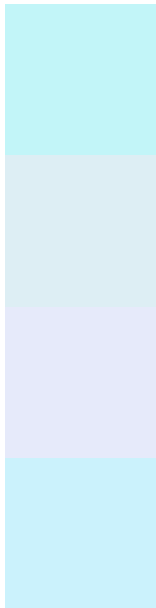
237.2000, 6.8034, 11.2256



## Tritanopia

232.7290, 10.9796, -21.6873

# Trichromacy



## Original Color

230.0930, 8.8282, -31.6536

## Protanomaly

233.6010, 5.1267, -11.0511

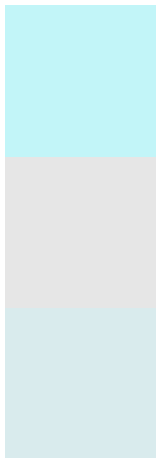
## Deuteranomaly

234.6280, 7.5784, -4.0588

## Tritanomaly

231.4790, 10.1169, -24.9761

# Monochromacy



## Original Color

230.0930, 8.8282, -31.6536

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.8460, 3.5269, -11.2659

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.0930, 8.8282, -31.6536 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(194, 245, 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(194, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 245, 248) }
```

## Border

The CSS property to change the border of an element to YUV 230.0930, 8.8282, -31.6536 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, 248) }
```



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

```
.border{ border-color:rgb(194, 245, 248) }
```

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, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 245, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 245, 248);  
box-shadow:4px 4px 4px 4px rgb(194, 245,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 230.0930, 8.8282, -31.6536 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, 248) }
```

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

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