

# Converting Colors

YUV(230.1090, 11.2853,  
-26.4056)

Have a look what the booklet for  
YUV(230.1090, 11.2853, -26.4056)  
contains.

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# Color

**YUV(230.1090, 11.2853,  
-26.4056)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8F1FD
RGB	200, 241, 253
RGB Percent	78%, 95%, 99%
CMY	0.2157, 0.0549, 0.0078
CMYK	0.21, 0.05, 0.00, 0.01
HSL	194°, 93%, 89%
HSV	194°, 21%, 99%
XYZ	73.0043, 82.2818, 104.9627
YIQ	230.1090, -28.2880, -4.9600

# Conversions

## Conversions Part 2

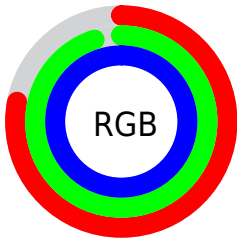
Format	Color
R <sub>Y</sub> B	200, 223, 253
Decimal	13169149
CIE Lab	92.70, -10.63, -10.16
CIE LCh	93, 14.701, 223.706
Yxy	82.2818, 0.2805, 0.3162
Android (android.graphics.Color)	4291359229 (0xFFC8F1FD)
YUV	230.1090, 11.2853, -26.4056
Hunter-Lab	90.7093, -15.0816, -5.1099

# Details

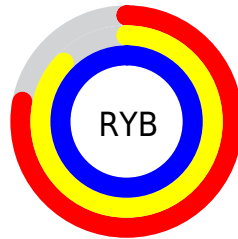
The YUV color `230.1090, 11.2853, -26.4056` is a light color, and the websafe version is hex `CCFFFF`. A complement of this color would be `222.8910, -11.2853, 26.4056`, and the grayscale version is `230.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `174.2940, 10.7011, -25.6908` is the 20% darker color. If you saturate the color by 10%, you get `219.1120, 16.7068, -38.6862`, and if you desaturate by 10%, it is `241.1060, 5.8637, -14.1250`.

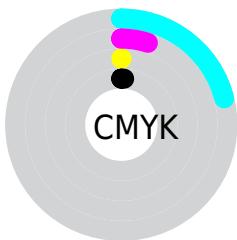
# Distribution



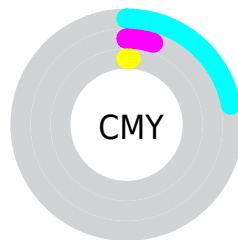
- Red (78%)
- Green (95%)
- Blue (99%)



- Red (78%)
- Yellow (87%)
- Blue (99%)



- Cyan (21%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (5%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.1090, 11.2853, -26.4056 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 230.1090, 11.2853, -26.4056 by changing the saturation by 10% instead.



■ 230.1090, 11.2853,  
-26.4056

■ 230.1090, 11.2853,  
-26.4056

255.0000, 0.0000,  
0.0000

■ 201.9950, 10.8485,  
-26.3056

■ 174.2940, 10.7011,  
-25.6908

■ 147.5930, 10.5537,  
-25.0761

■ 121.5930, 10.5537,  
-25.0761

■ 96.4790, 10.1169,  
-24.9761

■ 71.7780, 9.9694,  
-24.3613

■ 47.8810, 10.4117,

-26.2056

■ 27.6640, 9.5326,  
-24.2613

■ 12.9430, 6.4371,  
-11.3510

■ 230.1090, 11.2853,  
-26.4056

■ 230.1090, 11.2853,  
-26.4056

■ 219.1120, 16.7068,  
-38.6862

■ 241.1060, 5.8637,  
-14.1250

■ 208.4030, 21.9863,  
-52.0964

■ 251.8150, 0.5842,  
-0.7148

■ 197.4060, 27.4078,  
-64.3771

■ 254.7720, -0.8736,  
0.2000

■ 186.4090, 32.8294,  
-76.6577

■ 175.4120, 38.2509,  
-88.9383

■ 164.7030, 43.5304,  
-102.3485

■ 153.7060, 48.9519,  
-114.6292

■ 143.8940, 53.7893,  
-126.1950

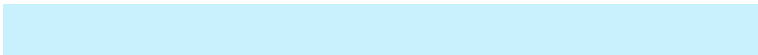
# Harmonies

## Analogous

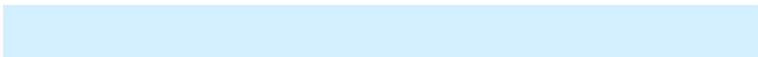
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.5020, 5.1755, -26.7503



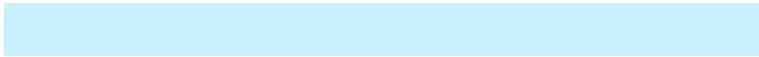
230.1090, 11.2853, -26.4056



231.5660, 11.5530, -18.9134

# Triad

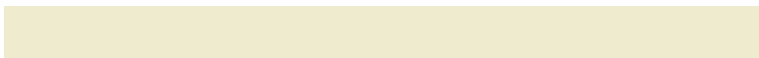
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1090, 11.2853, -26.4056



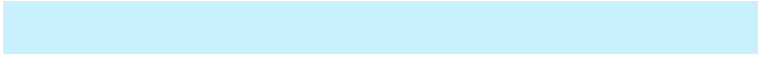
235.9080, 3.0034, 16.7437



233.0040, -12.8200, 5.2585

# Complementary

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



230.1090, 11.2853, -26.4056



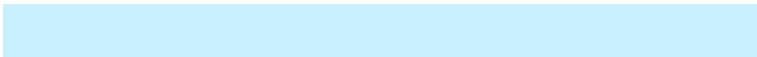
222.8910, -11.2853, 26.4056

# 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.



234.2550, -13.4367, 16.4394



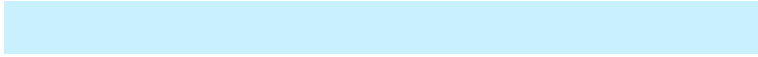
230.1090, 11.2853, -26.4056



234.3120, -3.1118, 18.1434

# Square

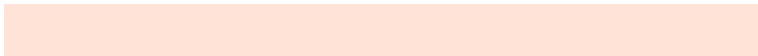
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.1090, 11.2853, -26.4056



236.1610, 9.2876, 7.7518



234.0040, -9.3690, 18.4135

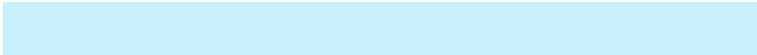


230.9530, -8.8508, -7.8518

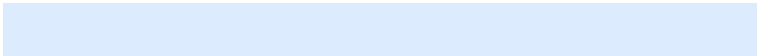


# Rectangle

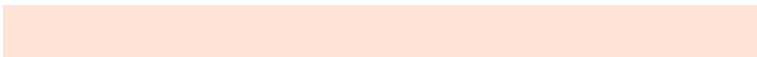
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.1090, 11.2853, -26.4056



233.0940, 10.7997, -10.6064



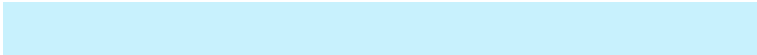
234.0040, -9.3690, 18.4135



233.7980, -13.7044, 8.9472

# Sweetspot

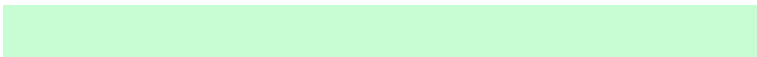
The Sweet Spot groups the original color and five complimentary colors.



230.1090, 11.2853, -26.4056



248.7540, 3.0793, -7.6773



232.3650, -10.5329, -28.3841



123.5480, 2.1948, -3.9886



0.0000, 0.0000, 0.0000

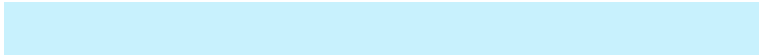


128.0000, 0.0000, 0.0000

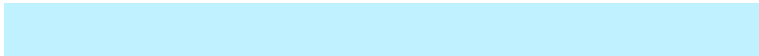


# Same Dimension

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



230.1090, 11.2853, -26.4056



227.6460, 13.4855, -32.1385



214.8470, 18.8094, -13.0208



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237



# Inverse Universe

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



220.5210, 10.0961, 28.4841



215.8360, 12.4059, 34.3468



238.1530, -18.8094, 13.0208



120.0270, 2.4517, 6.9923



73.9810, 36.4914, 102.6257

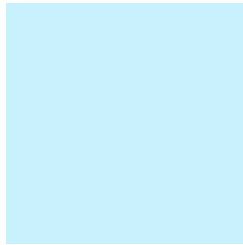


24.7220, 11.9691, 34.4468



# Previews

## White Background



This preview shows how the YUV color 230.1090, 11.2853, -26.4056 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

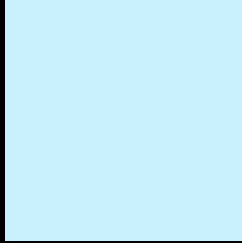
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.1090, 11.2853, -26.4056 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

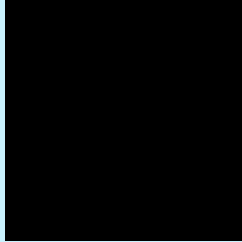
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 230.1090, 11.2853, -26.4056

## Background



This preview shows how black text looks on a background with the YUV color 230.1090, 11.2853, -26.4056.



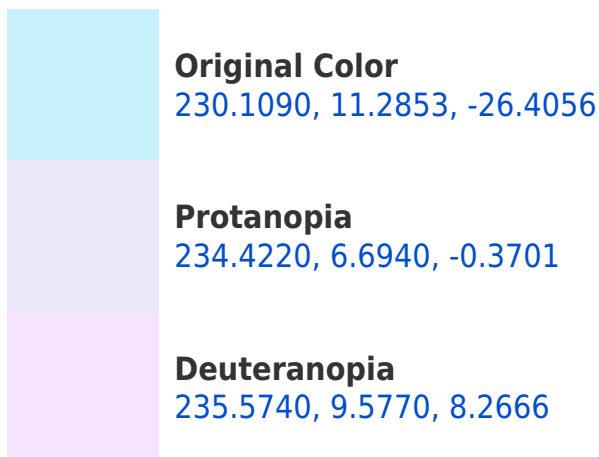
This preview shows how white text looks on a background with the YUV color 230.1090, 11.2853, -26.4056.

-26.4056.

# 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





## **Tritanopia**

231.2560, 11.7058, -21.2725

# Trichromacy



## Original Color

230.1090, 11.2853, -26.4056

## Protanomaly

232.8230, 8.4683, -9.4918

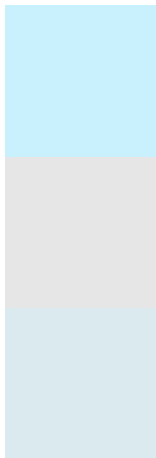
## Deuteranomaly

233.6110, 10.0518, -4.0438

## Tritanomaly

230.8320, 11.4218, -23.5317

# Monochromacy



## Original Color

230.1090, 11.2853, -26.4056

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.9710, 3.9583, -9.6216

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.1090, 11.2853, -26.4056 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(200, 241, 253)` looks like.

```
.text, #text, p{  
    color:rgb(200, 241, 253)  
}
```

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(200, 241, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 241, 253) }
```

## Border

The CSS property to change the border of an element to YUV 230.1090, 11.2853, -26.4056 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(200, 241, 253) }
```



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

```
.border{ border-color:rgb(200, 241, 253) }
```

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

Here you see how a box with a 4 pixel rgb(200, 241, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 241, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 241, 253);  
box-shadow:4px 4px 4px 4px rgb(200, 241,  
253) }
```

# Background

The CSS property to change the background color of an element to YUV 230.1090, 11.2853, -26.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 241, 253) }
```

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

```
.background{ background-color: rgb(200,  
241, 253) }
```

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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