

# Converting Colors

YUV(230.5090, 1.2281,  
-20.6174)

Have a look what the booklet for  
YUV(230.5090, 1.2281, -20.6174)  
contains.

<b>YUV(230.5090, 1.2281, -20.6174)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(230.5090, 1.2281,  
-20.6174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFF2E9
RGB	207, 242, 233
RGB Percent	81%, 95%, 91%
CMY	0.1882, 0.0510, 0.0863
CMYK	0.14, 0.00, 0.04, 0.05
HSL	165°, 57%, 88%
HSV	165°, 14%, 95%
XYZ	72.1922, 82.6529, 89.2395
YIQ	230.5090, -17.9710, -10.2190

# Conversions

## Conversions Part 2

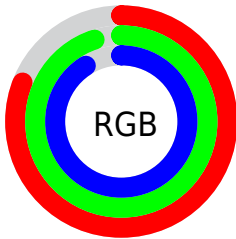
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 227, 242
Decimal	13628137
CIE Lab	92.86, -13.04, 0.53
CIE LCh	93, 13.046, 177.686
Yxy	82.6529, 0.2958, 0.3386
Android (android.graphics.Color)	4291818217 (0xFFCFF2E9)
YUV	230.5090, 1.2281, -20.6174
Hunter-Lab	90.9136, -17.3564, 5.4413

# Details

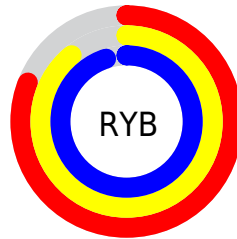
The YUV color  $230.5090, 1.2281, -20.6174$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $218.4910, -1.2281, 20.6174$ , and the grayscale version is  $231.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $174.8080, 1.0807, -20.0026$  is the 20% darker color. If you saturate the color by 10%, you get  $222.6490, 2.1450, -34.7722$ , and if you desaturate by 10%, it is  $238.3690, 0.3111, -6.4626$ .

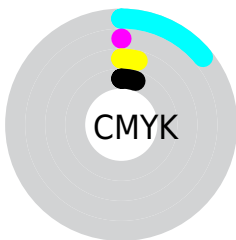
# Distribution



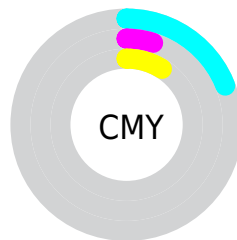
- Red (81%)
- Green (95%)
- Blue (91%)



- Red (81%)
- Yellow (89%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.5090, 1.2281, -20.6174 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 230.5090, 1.2281, -20.6174 by changing the saturation by 10% instead.



■ 230.5090, 1.2281,  
-20.6174

■ 230.5090, 1.2281,  
-20.6174

255.0000, 0.0000,  
0.0000

■ 202.5090, 1.2281,  
-20.6174

■ 174.8080, 1.0807,  
-20.0026

■ 148.2210, 1.3700,  
-19.4878

■ 122.5200, 1.2226,  
-18.8730

■ 96.9330, 1.5120,  
-18.3582

■ 73.2320, 1.3646,  
-17.7435

■ 50.2320, 1.3646,

-17.7435

■ 28.0470, 1.9488,  
-18.4582

■ 11.5920, -1.2779,  
-10.1662

■ 230.5090, 1.2281,  
-20.6174

■ 230.5090, 1.2281,  
-20.6174

■ 222.6490, 2.1450,  
-34.7722

■ 238.3690, 0.3111,  
-6.4626

■ 214.7890, 3.0620,  
-48.9270

■ 246.2290, -0.6059,  
7.6922

■ 206.5160, 3.6896,  
-63.5965

■ 247.0270, 2.4517,  
6.9923

■ 198.6560, 4.6066,  
-77.7513

■ 247.3690, 3.7621,  
6.6924

■ 190.7960, 5.5236,  
-91.9061

■ 182.9360, 6.4406,  
-106.0609

■ 174.9620, 6.9207,  
-120.1157

■ 166.8030, 7.9851,  
-134.8852

■ 162.5740, 8.5910,  
-142.5774

# Harmonies

## Analogous

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



231.2560, -5.0562, -11.6255



230.5090, 1.2281, -20.6174



230.7950, 7.4961, -24.3762

# Triad

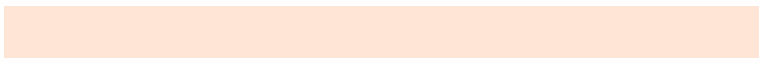
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.5090, 1.2281, -20.6174



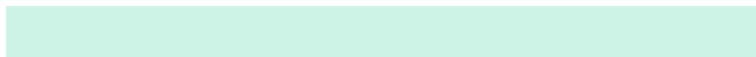
235.8180, 9.4567, 0.1596



235.0640, -10.3846, 17.4839

# Complementary

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



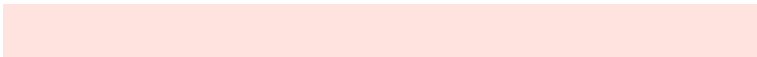
230.5090, 1.2281, -20.6174



218.4910, -1.2281, 20.6174

# 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.



234.9160, -5.8746, 17.6137



230.5090, 1.2281, -20.6174



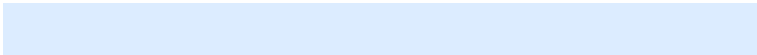
236.8580, 5.4930, 11.5255

# Square

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



230.5090, 1.2281, -20.6174



233.3820, 10.6577, -11.7360



235.8110, 0.0932, 16.8288



234.2650, -11.9626, 10.2916

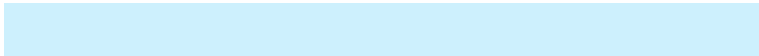


# Rectangle

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



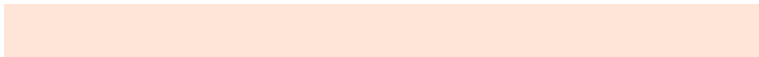
230.5090, 1.2281, -20.6174



231.0170, 10.8376, -22.8169



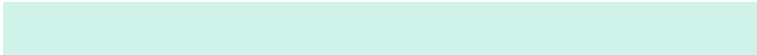
235.8110, 0.0932, 16.8288



234.7050, -9.2216, 17.7987

# Sweetspot

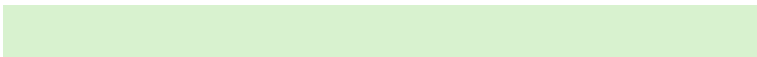
The Sweet Spot groups the original color and five complimentary colors.



230.5090, 1.2281, -20.6174



251.6680, 0.1637, -5.8478



230.2360, -11.4553, -12.4850



125.6790, 0.1583, -4.1035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

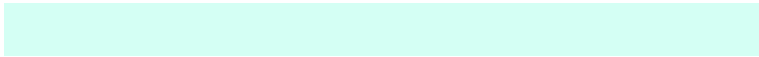


# Same Dimension

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



230.5090, 1.2281, -20.6174



240.8890, 1.5337, -25.3357



226.8390, 7.4744, -17.3988



116.0700, 0.4585, -7.0774



123.5120, 6.1566, -108.3200



37.6600, 2.1396, -33.0278



# Inverse Universe

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



218.4910, -1.2281, 20.6174



226.1110, -1.5337, 25.3357



222.1610, -7.4744, 17.3988



111.9300, -0.4585, 7.0774



60.3740, -6.5934, 108.4200

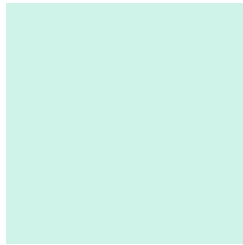


18.3400, -2.1396, 33.0278



# Previews

## White Background



This preview shows how the YUV color 230.5090, 1.2281, -20.6174 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

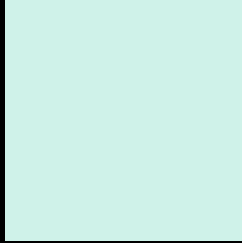
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.5090, 1.2281, -20.6174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

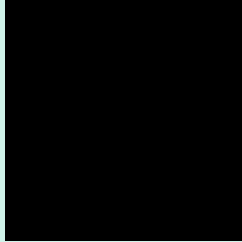
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

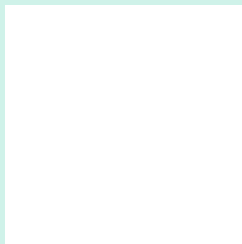
Any Text WCAG AAA ✓ Pass

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

# YUV 230.5090, 1.2281, -20.6174 Background



This preview shows how black text looks on a background with the YUV color 230.5090, 1.2281, -20.6174.



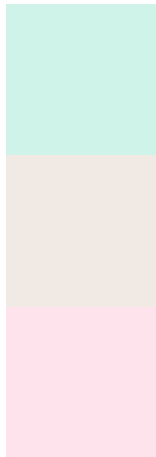
This preview shows how white text looks on a background with the YUV color 230.5090, 1.2281, -20.6174.

-20.6174.

# 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

230.5090, 1.2281, -20.6174

### Protanopia

234.5230, -3.2158, 4.8033

### Deuteranopia

236.3980, -0.1962, 16.3140



## Tritanopia

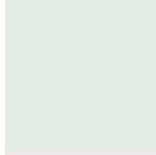
232.7620, 10.9633, -16.4543

# Trichromacy



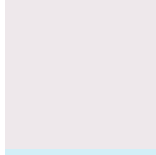
## Original Color

230.5090, 1.2281, -20.6174



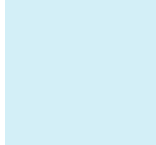
## Protanomaly

232.9240, -1.4415, -4.3183



## Deuteranomaly

234.1360, 0.4260, 3.3887



## Tritanomaly

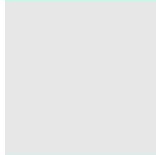
231.5400, 7.6218, -18.0136

# Monochromacy



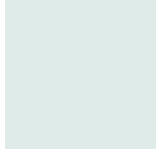
## Original Color

230.5090, 1.2281, -20.6174



## Achromatopsia

231.0000, 0.0000, 0.0000



## Achromatomaly

230.7710, 0.6059, -7.6922

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.5090, 1.2281, -20.6174 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(207, 242, 233)` looks like.

```
.text, #text, p{  
    color:rgb(207, 242, 233)  
}
```

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(207, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 242, 233) }
```

## Border

The CSS property to change the border of an element to YUV 230.5090, 1.2281, -20.6174 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(207, 242, 233) }
```



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

```
.border{ border-color:rgb(207, 242, 233) }
```

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

Here you see how a box with a 4 pixel rgb(207, 242, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(207, 242,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 230.5090, 1.2281, -20.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 242, 233) }
```

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

```
.background{ background-color: rgb(207,  
242, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor