

# Converting Colors

YUV(230.5220, -1.7363, -3.0888)

Have a look what the booklet for  
YUV(230.5220, -1.7363, -3.0888)  
contains.

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# Color

**YUV(230.5220, -1.7363,  
-3.0888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E9E3
RGB	227, 233, 227
RGB Percent	89%, 91%, 89%
CMY	0.1098, 0.0863, 0.1098
CMYK	0.03, 0.00, 0.03, 0.09
HSL	120°, 12%, 90%
HSV	120°, 3%, 91%
XYZ	74.6826, 80.1548, 84.2083
YIQ	230.5220, -1.6500, -3.1380

# Conversions

## Conversions Part 2

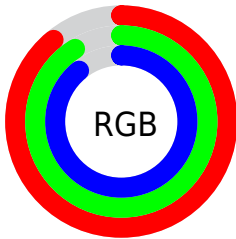
Format	Color
R <sub>Y</sub> B	227, 233, 233
Decimal	14936547
CIE Lab	91.75, -3.07, 2.20
CIE LCh	92, 3.780, 144.374
Yxy	80.1548, 0.3124, 0.3353
Android (android.graphics.Color)	4293126627 (0xFFE3E9E3)
YUV	230.5220, -1.7363, -3.0888
Hunter-Lab	89.5292, -7.7767, 6.9042

# Details

The YUV color  $230.5220, -1.7363, -3.0888$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $229.4780, 1.7363, 3.0888$ , 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  $174.9350, -1.4470, -2.5740$  is the 20% darker color. If you saturate the color by 10%, you get  $221.0230, -8.3923, -14.9292$ , and if you desaturate by 10%, it is  $240.0210, 4.9196, 8.7516$ .

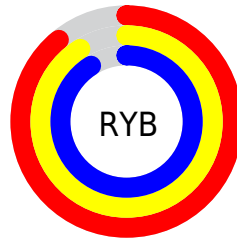
# Distribution



Red (89%)

Green (91%)

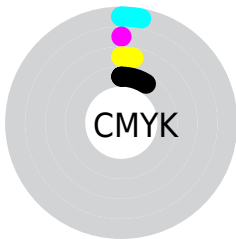
Blue (89%)



Red (89%)

Yellow (91%)

Blue (91%)

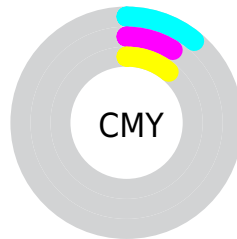


Cyan (3%)

Magenta (0%)

Yellow (3%)

Black (9%)



Cyan (11%)

Magenta (9%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 230.5220, -1.7363, -3.0888 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 230.5220, -1.7363, -3.0888 by changing the saturation by 10% instead.



■ 230.5220, -1.7363,  
-3.0888

■ 230.5220, -1.7363,  
-3.0888

255.0000, 0.0000,  
0.0000

■ 202.5220, -1.7363,  
-3.0888

■ 174.9350, -1.4470,  
-2.5740

■ 148.5220, -1.7363,  
-3.0888

■ 122.6360, -1.2995,  
-3.1888

■ 97.9350, -1.4470,  
-2.5740

■ 73.9350, -1.4470,  
-2.5740

■ 51.3480, -1.1576,

-2.0592

■ 30.3480, -1.1576,  
-2.0592

■ 5.6960, -2.3151,  
-4.1184

■ 230.5220, -1.7363,  
-3.0888

■ 230.5220, -1.7363,  
-3.0888

■ 221.0230, -8.3923,  
-14.9292

■ 240.0210, 4.9196,  
8.7516

■ 211.1110,  
-15.3377, -27.2843

■ 242.0860, 6.3666,  
11.3256

■ 201.6120,  
-21.9937, -39.1247

■ 192.1130,  
-28.6497, -50.9651

■ 182.6140,  
-35.3057, -62.8055

■ 172.7020,  
-42.2511, -75.1607

■ 163.2030,  
-48.9071, -87.0010

■ 153.7040,  
-55.5631, -98.8414

■ 143.7920,  
-62.5085, -111.1966

# Harmonies

## Analogous

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



230.9030, -2.9102, 0.0851



230.5220, -1.7363, -3.0888



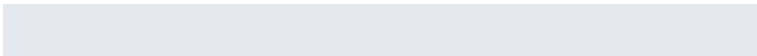
230.5540, -0.2731, -5.7479

# Triad

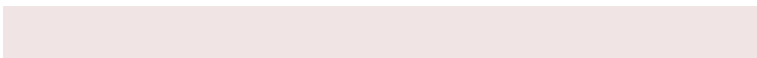
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.5220, -1.7363, -3.0888



231.1890, 3.3578, -3.6738



232.1750, -2.0583, 6.8625

# Complementary

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



230.5220, -1.7363, -3.0888



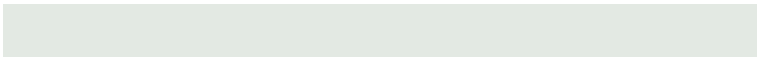
229.4780, 1.7363, 3.0888

# Split Complementary

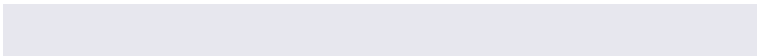
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.3320, -0.1637, 5.8478



230.5220, -1.7363, -3.0888



231.7980, 3.0576, -0.6998

# Square

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



230.5220, -1.7363, -3.0888



230.7650, 3.0739, -5.9329



232.4780, 1.7363, 3.0888



231.9360, -2.9264, 5.3181



# Rectangle

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



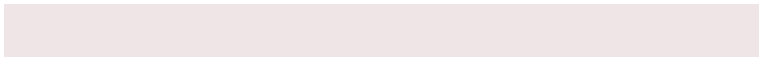
230.5220, -1.7363, -3.0888



230.5970, 1.1847, -6.6626



232.4780, 1.7363, 3.0888



232.1040, -1.0373, 6.0478

# Sweetspot

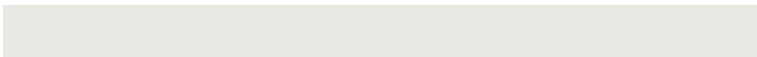
The Sweet Spot groups the original color and five complimentary colors.



230.5220, -1.7363, -3.0888



253.7610, -0.8682, -1.5444



232.3160, -2.6208, 0.5999



127.1740, -0.5788, -1.0296



0.0000, 0.0000, 0.0000

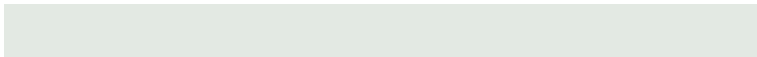


128.0000, 0.0000, 0.0000



# Same Dimension

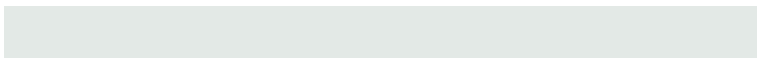
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.5220, -1.7363, -3.0888



251.6960, -2.3151, -4.1184



230.8640, -0.4260, -3.3887



115.3480, -1.1576, -2.0592



106.2470, -52.3798, -93.1786



31.6980, -15.6271, -27.7991



# Inverse Universe

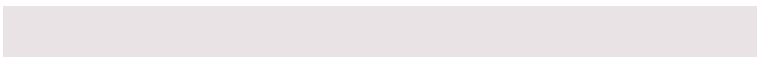
The Inverse Universe completely reimagines the original color for something new.



229.4780, 1.7363, 3.0888



250.3040, 2.3151, 4.1184



229.1360, 0.4260, 3.3887



114.6520, 1.1576, 2.0592



74.7530, 52.3798, 93.1786

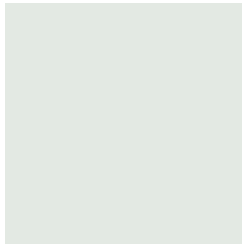


22.3020, 15.6271, 27.7991



# Previews

## White Background



This preview shows how the YUV color 230.5220, -1.7363, -3.0888 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

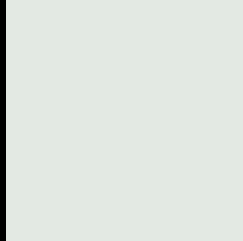
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 230.5220, -1.7363, -3.0888 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

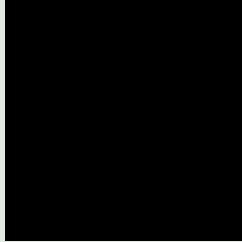
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

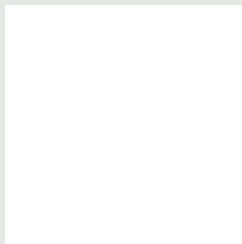
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 230.5220, -1.7363, -3.0888

## Background



This preview shows how black text looks on a background with the YUV color 230.5220, -1.7363, -3.0888.



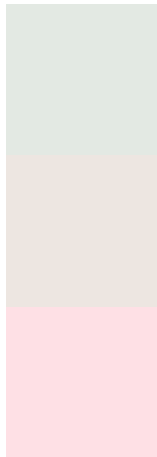
This preview shows how white text looks on a background with the YUV color 230.5220, -1.7363, -3.0888.

-3.0888.

# 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

230.5220, -1.7363, -3.0888

### Protanopia

231.5230, -3.2158, 4.8033

### Deuteranopia

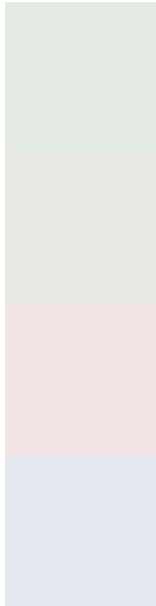
233.5400, -2.2382, 17.9434



## Tritanopia

232.0520, 7.8624, -1.7996

# Trichromacy



## Original Color

230.5220, -1.7363, -3.0888

## Protanomaly

231.0280, -2.4788, 1.7294

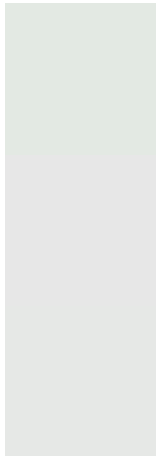
## Deuteranomaly

232.1970, -2.0691, 10.3512

## Tritanomaly

231.4280, 4.2260, -2.1294

# Monochromacy



## Original Color

230.5220, -1.7363, -3.0888

## Achromatopsia

231.0000, 0.0000, 0.0000

## Achromatomaly

231.1740, -0.5788, -1.0296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 230.5220, -1.7363, -3.0888 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(227, 233, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 233, 227)  
}
```

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(227, 233, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 233, 227) }
```

## Border

The CSS property to change the border of an element to YUV 230.5220, -1.7363, -3.0888 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(227, 233, 227) }
```



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

```
.border{ border-color:rgb(227, 233, 227) }
```

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

Here you see how a box with a 4 pixel rgb(227, 233, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 233, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 233, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 233,  
227) }
```

# Background

The CSS property to change the background color of an element to YUV 230.5220, -1.7363, -3.0888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 233, 227) }
```

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

```
.background{ background-color: rgb(227,  
233, 227) }
```

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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