

Converting Colors

YUV(230.1560, 3.3741, -8.9068)

Have a look what the booklet for
YUV(230.1560, 3.3741, -8.9068)
contains.

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Color

**YUV(230.1560, 3.3741,
-8.9068)**

Conversions

Conversions Part 1

Format	Color
Hex	DCEAED
RGB	220, 234, 237
RGB Percent	86%, 92%, 93%
CMY	0.1373, 0.0824, 0.0706
CMYK	0.07, 0.01, 0.00, 0.07
HSL	191°, 32%, 90%
HSV	191°, 7%, 93%
XYZ	74.2241, 80.1757, 91.6842
YIQ	230.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

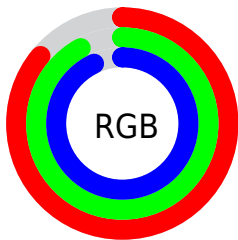
Format	Color
R _Y B	220, 228, 237
Decimal	14478061
CIE Lab	91.76, -4.06, -3.06
CIE LCh	92, 5.084, 217.021
Yxy	80.1757, 0.3016, 0.3258
Android (android.graphics.Color)	4292668141 (0xFFDCEAED)
YUV	230.1560, 3.3741, -8.9068
Hunter-Lab	89.5409, -8.7307, 1.9694

Details

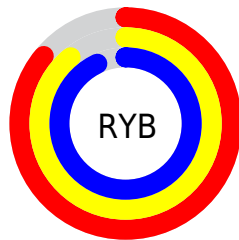
The YUV color $230.1560, 3.3741, -8.9068$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $226.8440, -3.3741, 8.9068$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.4550, 3.2267, -8.2920$ is the 20% darker color. If you saturate the color by 10%, you get $220.6320, 8.0694, -21.6023$, and if you desaturate by 10%, it is $239.6800, -1.3212, 3.7886$.

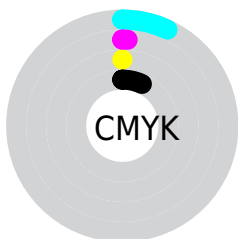
Distribution



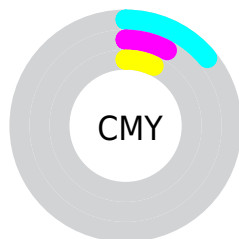
- Red (86%)
- Green (92%)
- Blue (93%)



- Red (86%)
- Yellow (89%)
- Blue (93%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.1560, 3.3741, -8.9068 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 230.1560, 3.3741, -8.9068 by changing the saturation by 10% instead.

■ 230.1560, 3.3741,
-8.9068

■ 230.1560, 3.3741,
-8.9068

255.0000, 0.0000,
0.0000

■ 202.1560, 3.3741,
-8.9068

■ 174.4550, 3.2267,
-8.2920

■ 148.3410, 2.7899,
-8.1921

■ 122.3410, 2.7899,
-8.1921

■ 97.6400, 2.6425,
-7.5773

■ 73.6400, 2.6425,
-7.5773

■ 51.0530, 2.9319,

-7.0625

■ 29.9390, 2.4951,
-6.9625

■ 7.3520, 2.7845,
-6.4477

■ 230.1560, 3.3741,
-8.9068

■ 230.1560, 3.3741,
-8.9068

■ 220.6320, 8.0694,
-21.6023

■ 239.6800, -1.3212,
3.7886

■ 211.4070, 12.6173,
-33.6829

■ 245.3170, -4.1003,
8.4920

■ 201.2960, 17.6021,
-45.8636

■ 248.2520, -5.5472,
5.9180

■ 191.7720, 22.2974,
-58.5590

■ 250.6000, -6.7048,
3.8588

■ 182.5470, 26.8453,
-70.6397

■ 252.9480, -7.8624,
1.7996

■ 173.0230, 31.5407,
-83.3352

■ 163.4990, 36.2360,
-96.0306

■ 153.9750, 40.9313,
-108.7261

■ 144.1630, 45.7686,
-120.2920

Harmonies

Analogous

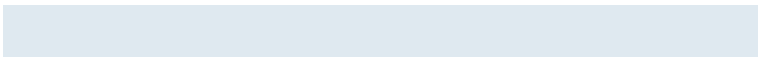
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.5860, 1.1901, -8.4069



230.1560, 3.3741, -8.9068



230.8080, 4.5317, -6.8476

Triad

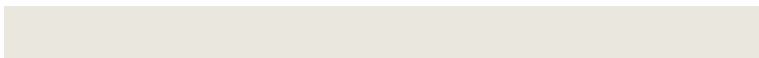
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1560, 3.3741, -8.9068



232.6740, 1.1467, 5.5479



230.8710, -4.3734, 2.7441

Complementary

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



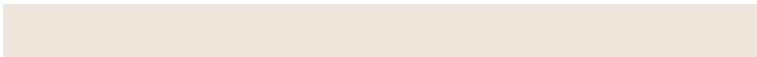
230.1560, 3.3741, -8.9068



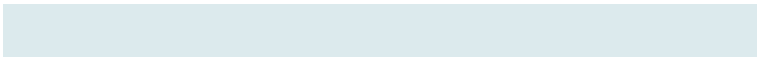
226.8440, -3.3741, 8.9068

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.



231.7790, -4.8210, 6.3328



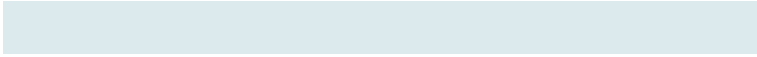
230.1560, 3.3741, -8.9068



232.4140, -1.1901, 8.4069

Square

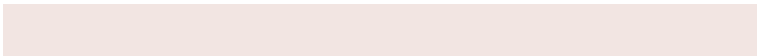
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



230.1560, 3.3741, -8.9068



232.2220, 3.3416, 1.5593



232.5450, -3.2267, 8.2920



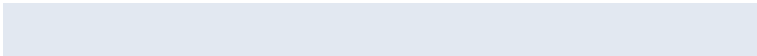
230.6640, -3.7784, -1.4593

Rectangle

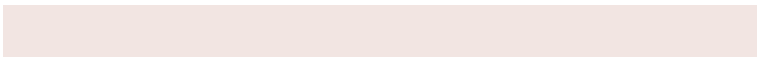
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



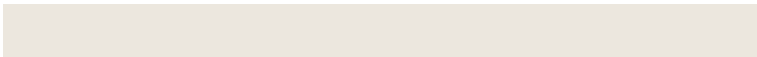
230.1560, 3.3741, -8.9068



231.2320, 4.8156, -4.5885



232.5450, -3.2267, 8.2920



231.4690, -4.6682, 3.9737

Sweetspot

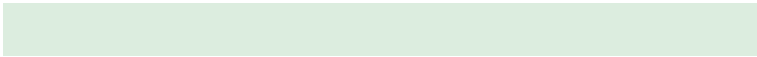
The Sweet Spot groups the original color and five complimentary colors.



230.1560, 3.3741, -8.9068



252.9180, 1.0264, -2.5591



230.3210, -3.6093, -9.0515



126.5160, 0.7316, -1.3295



0.0000, 0.0000, 0.0000



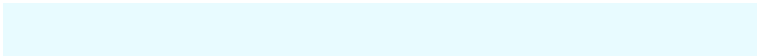
128.0000, 0.0000, 0.0000

Same Dimension

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



230.1560, 3.3741, -8.9068



245.7750, 4.5479, -12.0807



225.4600, 5.6892, -4.7884



112.5370, 2.2003, -5.7329



108.0970, 35.9412, -94.8011



31.9840, 10.8539, -28.0500

Inverse Universe

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



226.6790, 3.6093, 9.0515



241.0430, 4.9088, 12.2403



231.5400, -5.6892, 4.7884



110.3150, 2.3097, 5.8627



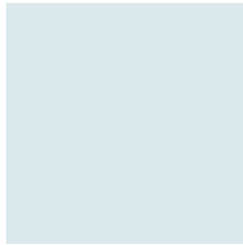
71.1050, 38.4022, 96.3779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 230.1560, 3.3741, -8.9068 looks on a white background.

Color Contrast Check

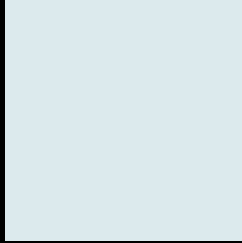
Large Text (above 18pt) WCAG AA × Fail

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 230.1560, 3.3741, -8.9068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

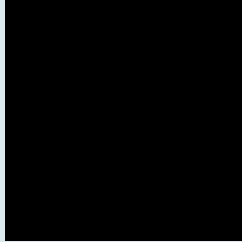
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

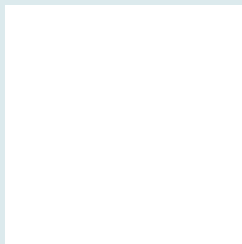
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.1560, 3.3741, -8.9068

Background



This preview shows how black text looks on a background with the YUV color 230.1560, 3.3741, -8.9068.



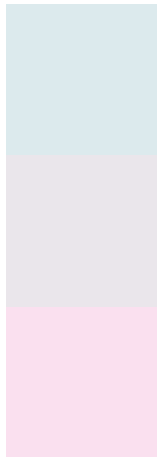
This preview shows how white text looks on a background with the YUV color 230.1560, 3.3741, -8.9068.

-8.9068.

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

230.1560, 3.3741, -8.9068

Protanopia

231.7660, 1.5944, 1.9592

Deuteranopia

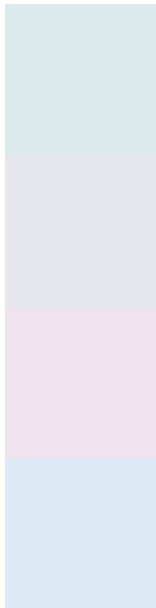
233.4840, 2.7194, 14.4845



Tritanopia

231.0620, 9.3364, -7.9474

Trichromacy



Original Color

230.1560, 3.3741, -8.9068

Protanomaly

230.9720, 2.4788, -1.7294

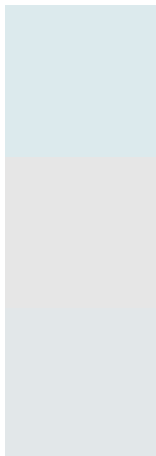
Deuteranomaly

232.4290, 2.7465, 5.7628

Tritanomaly

230.7800, 7.0105, -8.5771

Monochromacy



Original Color

230.1560, 3.3741, -8.9068

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

229.7330, 1.6106, -3.2738

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.1560, 3.3741, -8.9068 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(220, 234, 237)` looks like.

```
.text, #text, p{  
    color:rgb(220, 234, 237)  
}
```

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(220, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 234, 237) }
```

Border

The CSS property to change the border of an element to YUV 230.1560, 3.3741, -8.9068 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(220, 234, 237) }
```


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

```
.border{ border-color:rgb(220, 234, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(220, 234,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 230.1560, 3.3741, -8.9068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 234, 237) }
```

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

```
.background{ background-color: rgb(220,  
234, 237) }
```

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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