

Converting Colors

YUV(230.4550, 3.2267, -8.2920)

Have a look what the booklet for
YUV(230.4550, 3.2267, -8.2920)
contains.

YUV(230.4550, 3.2267, -8.2920)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(230.4550, 3.2267,
-8.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEAED
RGB	221, 234, 237
RGB Percent	87%, 92%, 93%
CMY	0.1333, 0.0824, 0.0706
CMYK	0.07, 0.01, 0.00, 0.07
HSL	191°, 31%, 90%
HSV	191°, 7%, 93%
XYZ	74.5277, 80.3322, 91.6984
YIQ	230.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

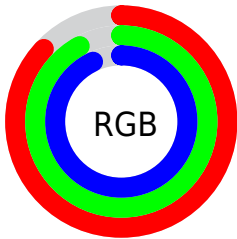
Format	Color
R _Y B	221, 228, 237
Decimal	14543597
CIE Lab	91.83, -3.73, -2.95
CIE LCh	92, 4.759, 218.308
Yxy	80.3322, 0.3023, 0.3258
Android (android.graphics.Color)	4292733677 (0xFFDDEAED)
YUV	230.4550, 3.2267, -8.2920
Hunter-Lab	89.6282, -8.4231, 2.0803

Details

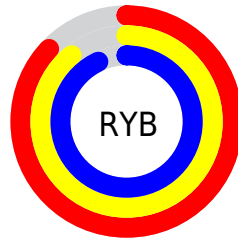
The YUV color $230.4550, 3.2267, -8.2920$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.5450, -3.2267, 8.2920$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.7540, 3.0793, -7.6773$ is the 20% darker color. If you saturate the color by 10%, you get $220.9310, 7.9220, -20.9875$, and if you desaturate by 10%, it is $239.9790, -1.4686, 4.4034$.

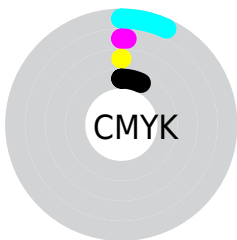
Distribution



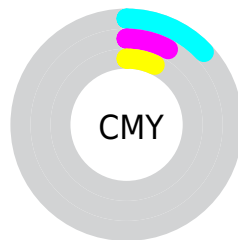
- Red (87%)
- Green (92%)
- Blue (93%)



- Red (87%)
- Yellow (89%)
- Blue (93%)



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



- Cyan (13%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.4550, 3.2267, -8.2920 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 230.4550, 3.2267, -8.2920 by changing the saturation by 10% instead.

■ 230.4550, 3.2267,
-8.2920

■ 230.4550, 3.2267,
-8.2920

255.0000, 0.0000,
0.0000

■ 202.4550, 3.2267,
-8.2920

■ 174.7540, 3.0793,
-7.6773

■ 148.6400, 2.6425,
-7.5773

■ 122.6400, 2.6425,
-7.5773

■ 97.6400, 2.6425,
-7.5773

■ 73.9390, 2.4951,
-6.9625

■ 51.3520, 2.7845,

-6.4477

■ 30.2380, 2.3477,
-6.3477

■ 7.3520, 2.7845,
-6.4477

■ 230.4550, 3.2267,
-8.2920

■ 230.4550, 3.2267,
-8.2920

■ 220.9310, 7.9220,
-20.9875

■ 239.9790, -1.4686,
4.4034

■ 211.1190, 12.7593,
-32.5534

■ 245.9040, -4.3897,
7.9772

■ 201.5950, 17.4547,
-45.2488

■ 248.2520, -5.5472,
5.9180

■ 191.4840, 22.4394,
-57.4295

■ 251.1870, -6.9942,
3.3440

■ 181.9600, 27.1347,
-70.1249

■ 252.9480, -7.8624,
1.7996

■ 172.1480, 31.9720,
-81.6908

■ 162.6240, 36.6674,
-94.3862

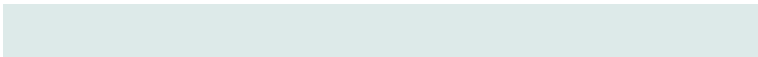
■ 152.5130, 41.6521,
-106.5669

■ 143.2880, 46.2000,
-118.6476

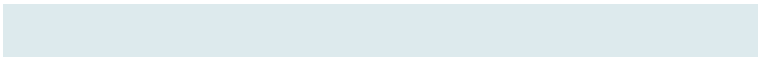
Harmonies

Analogous

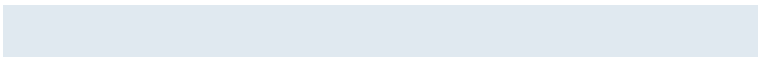
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.9990, 1.4795, -7.8921



230.4550, 3.2267, -8.2920



231.1070, 4.3842, -6.2328

Triad

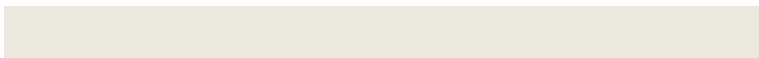
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.4550, 3.2267, -8.2920



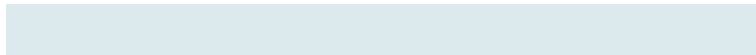
232.6740, 1.1467, 5.5479



231.5720, -4.2260, 2.1294

Complementary

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



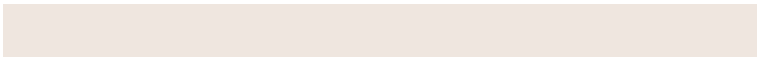
230.4550, 3.2267, -8.2920



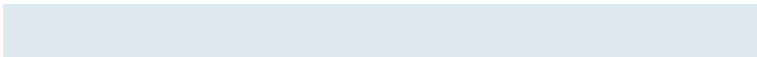
227.5450, -3.2267, 8.2920

Split Complementary

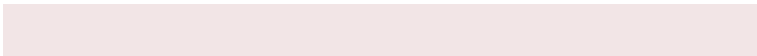
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.8930, -4.3842, 6.2328



230.4550, 3.2267, -8.2920



233.0010, -1.4795, 7.8921

Square

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



230.4550, 3.2267, -8.2920



232.2220, 3.3416, 1.5593



232.5450, -3.2267, 8.2920



230.7780, -3.3416, -1.5593

Rectangle

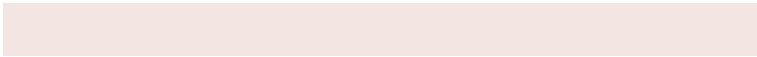
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



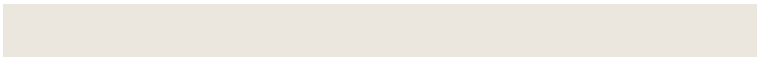
230.4550, 3.2267, -8.2920



231.5310, 4.6682, -3.9737



232.5450, -3.2267, 8.2920



231.4690, -4.6682, 3.9737

Sweetspot

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



230.4550, 3.2267, -8.2920



252.9180, 1.0264, -2.5591



230.7340, -3.3199, -8.5367



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.



230.4550, 3.2267, -8.2920



246.6720, 4.1057, -10.2363



225.7590, 5.5418, -4.1736



112.5370, 2.2003, -5.7329



106.9230, 36.5200, -93.7715



31.9840, 10.8539, -28.0500

Inverse Universe

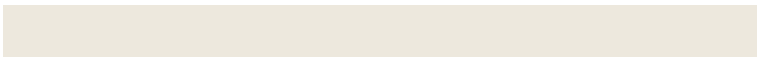
The Inverse Universe completely reimagines the original color for something new.



227.2660, 3.3199, 8.5367



242.8040, 4.0406, 10.6959



232.2410, -5.5418, 4.1736



110.3150, 2.3097, 5.8627



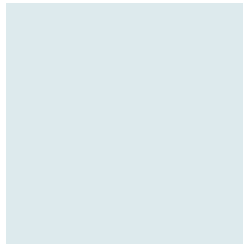
70.8770, 37.5286, 96.5779



21.1620, 11.2591, 28.7989

Previews

White Background



This preview shows how the YUV color 230.4550, 3.2267, -8.2920 looks on a white background.

Color Contrast Check

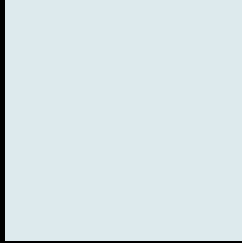
Large Text (above 18pt) WCAG AA × Fail

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 230.4550, 3.2267, -8.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

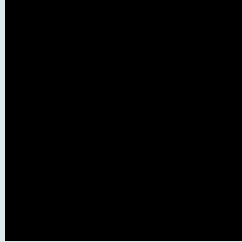
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

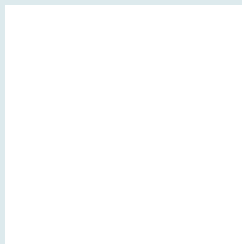
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.4550, 3.2267, -8.2920

Background



This preview shows how black text looks on a background with the YUV color 230.4550, 3.2267, -8.2920.



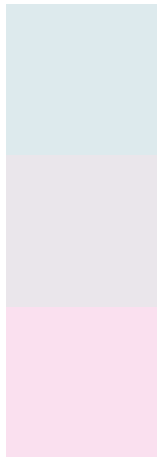
This preview shows how white text looks on a background with the YUV color 230.4550, 3.2267, -8.2920.

-8.2920.

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

230.4550, 3.2267, -8.2920

Protanopia

231.7660, 1.5944, 1.9592

Deuteranopia

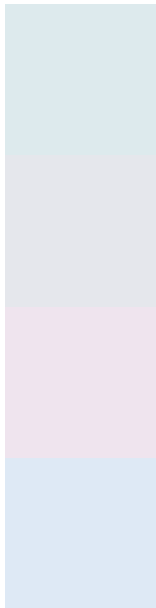
233.4840, 2.7194, 14.4845



Tritanopia

231.3610, 9.1890, -7.3326

Trichromacy



Original Color

230.4550, 3.2267, -8.2920

Protanomaly

230.9720, 2.4788, -1.7294

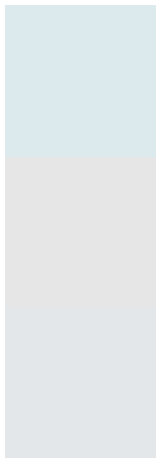
Deuteranomaly

232.4290, 2.7465, 5.7628

Tritanomaly

231.0790, 6.8631, -7.9623

Monochromacy



Original Color

230.4550, 3.2267, -8.2920

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.0320, 1.4632, -2.6591

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.4550, 3.2267, -8.2920 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(221, 234, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 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(221, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 234, 237) }
```

Border

The CSS property to change the border of an element to YUV 230.4550, 3.2267, -8.2920 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(221, 234, 237) }
```


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

```
.border{ border-color:rgb(221, 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(221, 234, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 234,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 230.4550, 3.2267, -8.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 234, 237) }
```

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

```
.background{ background-color: rgb(221,  
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](#).

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