

Converting Colors

YUV(231.5910, 3.6526, -4.9033)

Have a look what the booklet for
YUV(231.5910, 3.6526, -4.9033)
contains.

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Color

**YUV(231.5910, 3.6526,
-4.9033)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E9EF
RGB	226, 233, 239
RGB Percent	89%, 91%, 94%
CMY	0.1137, 0.0863, 0.0627
CMYK	0.05, 0.03, 0.00, 0.06
HSL	208°, 29%, 91%
HSV	208°, 5%, 94%
XYZ	76.0829, 80.6786, 93.2239
YIQ	231.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

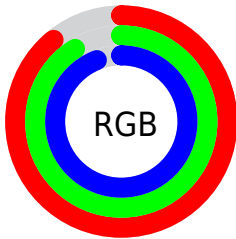
Format	Color
R _Y B	226, 231, 239
Decimal	14871023
CIE Lab	91.99, -1.22, -3.72
CIE LCh	92, 3.919, 251.915
Yxy	80.6786, 0.3043, 0.3227
Android (android.graphics.Color)	4293061103 (0xFFE2E9EF)
YUV	231.5910, 3.6526, -4.9033
Hunter-Lab	89.8213, -5.9891, 1.3388

Details

The YUV color $231.5910, 3.6526, -4.9033$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.4090, -3.6526, 4.9033$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.8900, 3.5052, -4.2885$ is the 20% darker color. If you saturate the color by 10%, you get $217.9580, 10.3737, -13.9952$, and if you desaturate by 10%, it is $245.2240, -3.0684, 4.1886$.

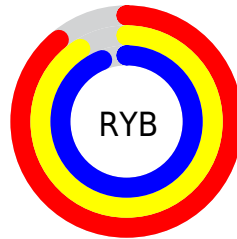
Distribution



Red (89%)

Green (91%)

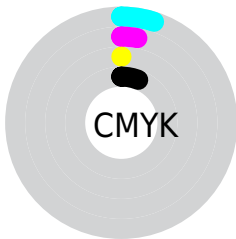
Blue (94%)



Red (89%)

Yellow (91%)

Blue (94%)

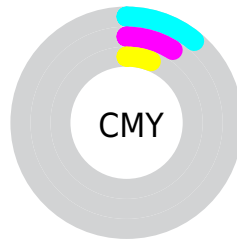


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (6%)



Cyan (11%)

Magenta (9%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.5910, 3.6526, -4.9033 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 231.5910, 3.6526, -4.9033 by changing the saturation by 10% instead.

■ 231.5910, 3.6526,
-4.9033

■ 231.5910, 3.6526,
-4.9033

255.0000, 0.0000,
0.0000

■ 203.5910, 3.6526,
-4.9033

■ 175.8900, 3.5052,
-4.2885

■ 149.4770, 3.2158,
-4.8033

■ 123.7760, 3.0684,
-4.1886

■ 98.7760, 3.0684,
-4.1886

■ 74.7760, 3.0684,
-4.1886

■ 52.0750, 2.9210,

-3.5738

■ 30.9610, 2.4842,
-3.4738

■ 6.9930, 3.9475,
-6.1329

■ 231.5910, 3.6526,
-4.9033

■ 231.5910, 3.6526,
-4.9033

■ 217.9580, 10.3737,
-13.9952

■ 245.2240, -3.0684,
4.1886

■ 204.3250, 17.0948,
-23.0870

■ 253.1760, -6.9888,
1.5996

■ 190.6920, 23.8158,
-32.1789

■ 177.0590, 30.5369,
-41.2707

■ 163.4260, 37.2580,
-50.3626

■ 150.0920, 43.8316,
-58.8397

■ 136.4590, 50.5527,
-67.9315

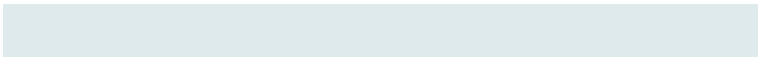
■ 122.8260, 57.2738,
-77.0234

■ 109.1930, 63.9949,
-86.1153

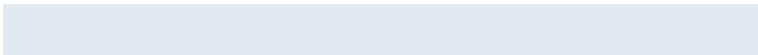
Harmonies

Analogous

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



231.0530, 2.9319, -7.0625



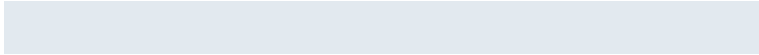
231.5910, 3.6526, -4.9033



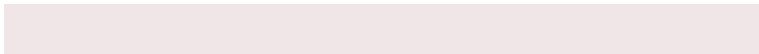
232.2000, 3.3524, -1.9294

Triad

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



231.5910, 3.6526, -4.9033



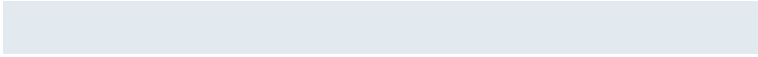
233.1040, -1.0373, 6.0478



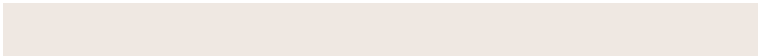
231.0060, -2.4680, -1.7593

Complementary

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



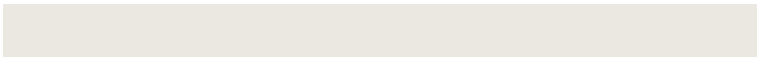
231.5910, 3.6526, -4.9033



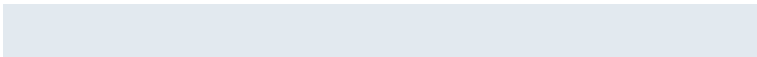
233.4090, -3.6526, 4.9033

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.



231.8000, -3.3524, 1.9294



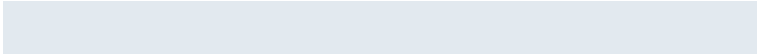
231.5910, 3.6526, -4.9033



232.6480, -2.7845, 6.4477

Square

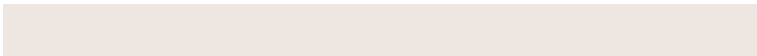
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231.5910, 3.6526, -4.9033



232.8480, 0.5679, 4.5183



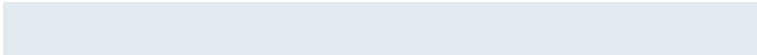
232.4090, -3.6526, 4.9033



230.8530, -0.4205, -5.1331

Rectangle

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



231.5910, 3.6526, -4.9033



232.3960, 2.7628, 0.5297



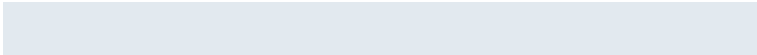
232.4090, -3.6526, 4.9033



231.6040, -2.7628, -0.5297

Sweetspot

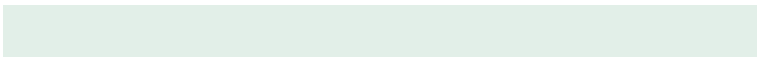
The Sweet Spot groups the original color and five complimentary colors.



231.5910, 3.6526, -4.9033



252.3310, 1.3158, -2.0443



234.3150, -1.1413, -7.2923



125.9290, 1.0210, -0.8147



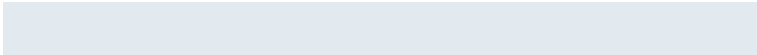
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



231.5910, 3.6526, -4.9033



244.9220, 4.9685, -6.9476



228.0690, 5.3890, -1.8145



114.0750, 2.9210, -3.5738



79.0890, 51.7211, -69.3611



23.9940, 15.7790, -21.0427

Inverse Universe

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



230.6850, 1.1413, 7.2923



243.5220, 1.7147, 10.0662



236.9310, -5.3890, 1.8145



113.5600, 0.7099, 5.6479



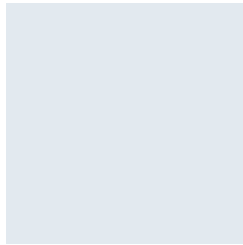
66.3020, 16.1201, 103.2211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 231.5910, 3.6526, -4.9033 looks on a white background.

Color Contrast Check

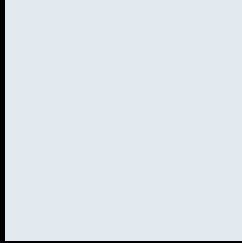
Large Text (above 18pt) WCAG AA × Fail

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 231.5910, 3.6526, -4.9033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

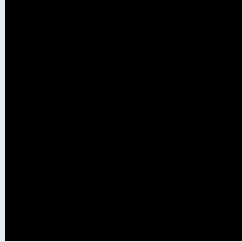
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

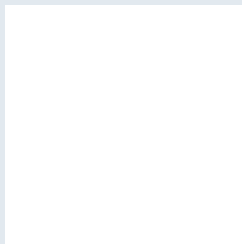
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.5910, 3.6526, -4.9033

Background



This preview shows how black text looks on a background with the YUV color 231.5910, 3.6526, -4.9033.



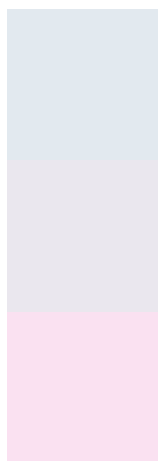
This preview shows how white text looks on a background with the YUV color 231.5910, 3.6526,

-4.9033.

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

231.5910, 3.6526, -4.9033

Protanopia

232.6950, 2.6154, 1.1445

Deuteranopia

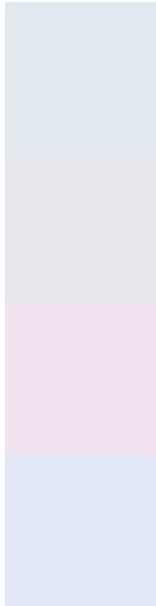
234.2990, 3.3036, 13.7698



Tritanopia

232.2690, 8.7414, -3.7439

Trichromacy



Original Color

231.5910, 3.6526, -4.9033

Protanomaly

232.3850, 2.7682, -1.2146

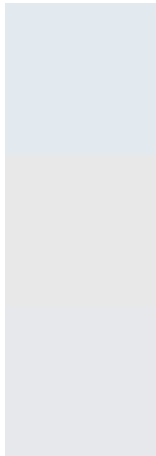
Deuteranomaly

233.2550, 3.3253, 6.7924

Tritanomaly

232.1010, 6.8522, -4.4736

Monochromacy



Original Color

231.5910, 3.6526, -4.9033

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.7440, 1.6052, -1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.5910, 3.6526, -4.9033 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(226, 233, 239)` looks like.

```
.text, #text, p{  
    color:rgb(226, 233, 239)  
}
```

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(226, 233, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 233, 239) }
```

Border

The CSS property to change the border of an element to YUV 231.5910, 3.6526, -4.9033 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(226, 233, 239) }
```


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

```
.border{ border-color:rgb(226, 233, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 233, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 233, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 233, 239);  
box-shadow:4px 4px 4px 4px rgb(226, 233,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 231.5910, 3.6526, -4.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 233, 239) }
```

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

```
.background{ background-color: rgb(226,  
233, 239) }
```

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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