

Converting Colors

YUV(228.4060, 4.2368, -5.6181)

Have a look what the booklet for
YUV(228.4060, 4.2368, -5.6181)
contains.

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Color

**YUV(228.4060, 4.2368,
-5.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	DEE6ED
RGB	222, 230, 237
RGB Percent	87%, 90%, 93%
CMY	0.1294, 0.0980, 0.0706
CMYK	0.06, 0.03, 0.00, 0.07
HSL	208°, 29%, 90%
HSV	208°, 6%, 93%
XYZ	73.7071, 78.2376, 91.3374
YIQ	228.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

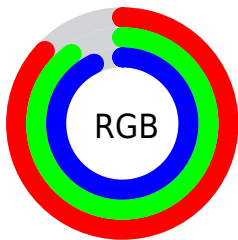
Format	Color
R _Y B	222, 227, 237
Decimal	14608109
CIE Lab	90.89, -1.36, -4.33
CIE LCh	91, 4.540, 252.599
Yxy	78.2376, 0.3030, 0.3216
Android (android.graphics.Color)	4292798189 (0xFFDEE6ED)
YUV	228.4060, 4.2368, -5.6181
Hunter-Lab	88.4520, -6.0471, 0.6924

Details

The YUV color $228.4060, 4.2368, -5.6181$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.5940, -4.2368, 5.6181$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.2920, 3.8000, -5.5181$ is the 20% darker color. If you saturate the color by 10%, you get $214.7730, 10.9579, -14.7099$, and if you desaturate by 10%, it is $242.0390, -2.4842, 3.4738$.

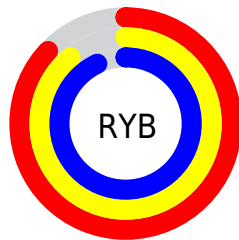
Distribution



Red (87%)

Green (90%)

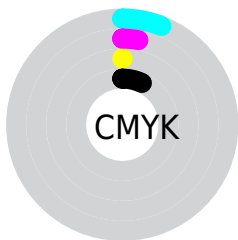
Blue (93%)



Red (87%)

Yellow (89%)

Blue (93%)

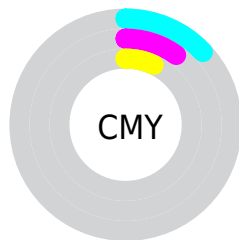


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (10%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.4060, 4.2368, -5.6181 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 228.4060, 4.2368, -5.6181 by changing the saturation by 10% instead.

■ 228.4060, 4.2368,
-5.6181

■ 228.4060, 4.2368,
-5.6181

255.0000, 0.0000,
0.0000

■ 200.4060, 4.2368,
-5.6181

■ 173.2920, 3.8000,
-5.5181

■ 146.2920, 3.8000,
-5.5181

■ 120.5910, 3.6526,
-4.9033

■ 95.5910, 3.6526,
-4.9033

■ 72.4770, 3.2158,
-4.8033

■ 49.7760, 3.0684,

-4.1886

■ 28.7760, 3.0684,
-4.1886

■ 4.4170, 4.2314,
-3.8737

■ 228.4060, 4.2368,
-5.6181

■ 228.4060, 4.2368,
-5.6181

■ 214.7730, 10.9579,
-14.7099

■ 242.0390, -2.4842,
3.4738

■ 201.4390, 17.5316,
-23.1870

■ 251.1870, -6.9942,
3.3440

■ 187.8060, 24.2526,
-32.2789

■ 252.9480, -7.8624,
1.7996

■ 174.1730, 30.9737,
-41.3707

■ 160.5400, 37.6948,
-50.4626

■ 147.2060, 44.2684,
-58.9397

■ 133.5730, 50.9895,
-68.0315

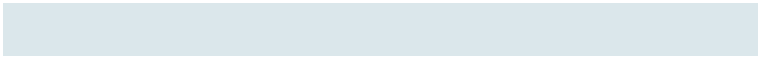
■ 119.9400, 57.7106,
-77.1234

■ 106.0190, 64.5736,
-85.0857

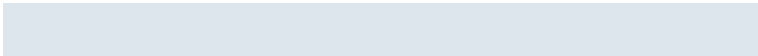
Harmonies

Analogous

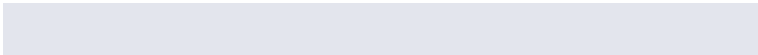
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.8680, 3.5161, -7.7772



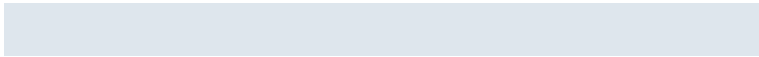
228.4060, 4.2368, -5.6181



229.3140, 3.7892, -2.0294

Triad

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



228.4060, 4.2368, -5.6181



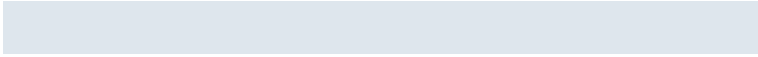
230.0010, -1.4795, 7.8921



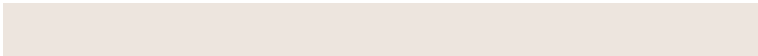
227.8920, -2.9048, -1.6593

Complementary

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



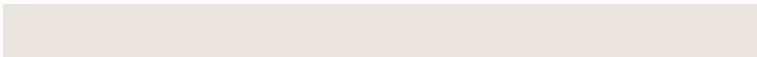
228.4060, 4.2368, -5.6181



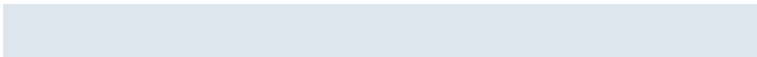
230.5940, -4.2368, 5.6181

Split Complementary

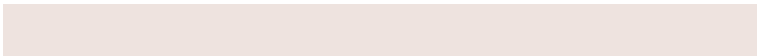
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228.5720, -4.2260, 2.1294



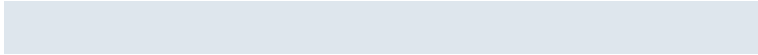
228.4060, 4.2368, -5.6181



229.8330, -3.3687, 7.1625

Square

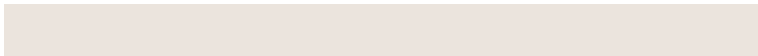
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



228.4060, 4.2368, -5.6181



229.6740, 1.1467, 5.5479



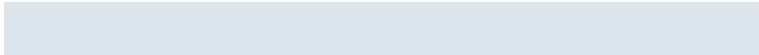
229.2950, -4.0894, 5.0033



227.4400, -0.7099, -5.6479

Rectangle

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



228.4060, 4.2368, -5.6181



229.5100, 3.1996, 0.4297



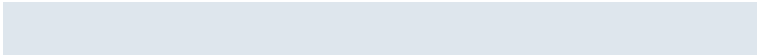
229.2950, -4.0894, 5.0033



228.0770, -3.4890, -0.9445

Sweetspot

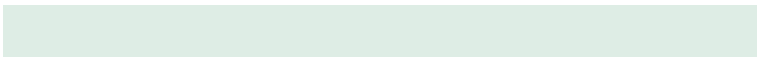
The Sweet Spot groups the original color and five complimentary colors.



228.4060, 4.2368, -5.6181



252.3310, 1.3158, -2.0443



231.6030, -1.2833, -8.4218



125.9290, 1.0210, -0.8147



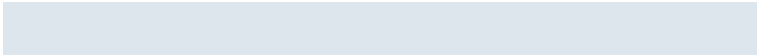
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



228.4060, 4.2368, -5.6181



243.1500, 5.8421, -7.1475



223.7100, 6.5520, -1.4997



110.7760, 3.0684, -4.1886



77.5730, 50.9895, -68.0315



23.1790, 15.1948, -20.3280

Inverse Universe

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



227.3970, 1.2833, 8.4218



242.1200, 1.4198, 11.2958



234.7030, -6.2626, 2.0145



109.9730, 0.9993, 6.1627



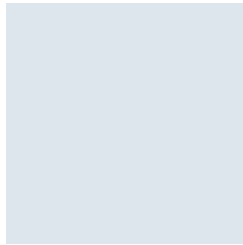
65.1770, 15.6887, 101.5768



19.4520, 4.7072, 30.2986

Previews

White Background



This preview shows how the YUV color 228.4060, 4.2368, -5.6181 looks on a white background.

Color Contrast Check

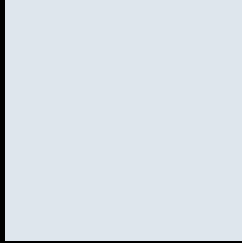
Large Text (above 18pt) WCAG AA × Fail

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 228.4060, 4.2368, -5.6181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

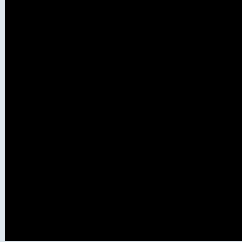
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

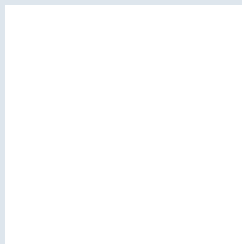
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.4060, 4.2368, -5.6181

Background



This preview shows how black text looks on a background with the YUV color 228.4060, 4.2368, -5.6181.



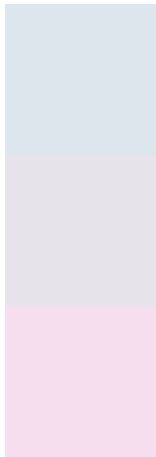
This preview shows how white text looks on a background with the YUV color 228.4060, 4.2368, -5.6181.

-5.6181.

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

228.4060, 4.2368, -5.6181

Protanopia

229.1080, 2.9048, 1.6593

Deuteranopia

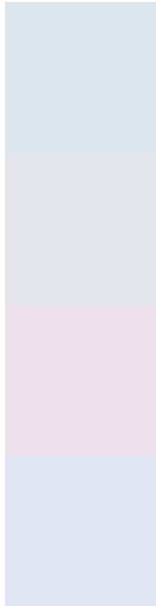
231.1140, 3.8878, 13.0550



Tritanopia

228.9700, 8.8888, -4.3587

Trichromacy



Original Color

228.4060, 4.2368, -5.6181

Protanomaly

228.9120, 3.4944, -0.7998

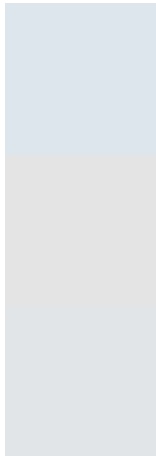
Deuteranomaly

230.0700, 3.9095, 6.0776

Tritanomaly

228.8020, 6.9996, -5.0884

Monochromacy



Original Color

228.4060, 4.2368, -5.6181

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.3310, 1.3158, -2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.4060, 4.2368, -5.6181 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(222, 230, 237)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 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(222, 230, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 237) }
```

Border

The CSS property to change the border of an element to YUV 228.4060, 4.2368, -5.6181 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(222, 230, 237) }
```


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

```
.border{ border-color:rgb(222, 230, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 230, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 237);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 228.4060, 4.2368, -5.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 237) }
```

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

```
.background{ background-color: rgb(222,  
230, 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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