

Converting Colors

YUV(226.7980, 3.0576, -0.6998)

Have a look what the booklet for
YUV(226.7980, 3.0576, -0.6998)
contains.

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Color

**YUV(226.7980, 3.0576,
-0.6998)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2E9
RGB	226, 226, 233
RGB Percent	89%, 89%, 91%
CMY	0.1137, 0.1137, 0.0863
CMYK	0.03, 0.03, 0.00, 0.09
HSL	240°, 14%, 90%
HSV	240°, 3%, 91%
XYZ	73.2684, 76.4447, 87.9844
YIQ	226.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 226, 233
Decimal	14869225
CIE _{Lab}	90.07, 1.28, -3.41
CIE _{LCh}	90, 3.645, 290.492
Yxy	76.4447, 0.3082, 0.3216
Android (android.graphics.Color)	4293059305 (0xFFE2E2E9)
YUV	226.7980, 3.0576, -0.6998
Hunter-Lab	87.4326, -3.4245, 1.5387

Details

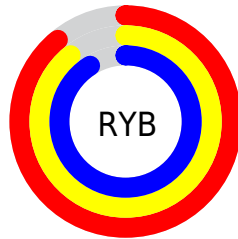
The YUV color $226.7980, 3.0576, -0.6998$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.2020, -3.0576, 0.6998$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.6840, 2.6208, -0.5999$ is the 20% darker color. If you saturate the color by 10%, you get $206.4200, 13.1039, -2.9993$, and if you desaturate by 10%, it is $247.1760, -6.9888, 1.5996$.

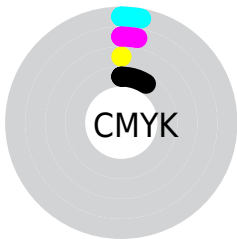
Distribution



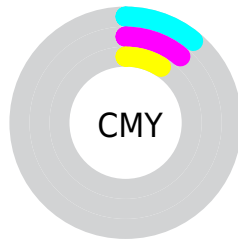
- Red (89%)
- Green (89%)
- Blue (91%)



- Red (89%)
- Yellow (89%)
- Blue (91%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)



- Cyan (11%)
- Magenta (11%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7980, 3.0576, -0.6998 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 226.7980, 3.0576, -0.6998 by changing the saturation by 10% instead.

■ 226.7980, 3.0576,
-0.6998

■ 226.7980, 3.0576,
-0.6998

255.0000, 0.0000,
0.0000

■ 198.7980, 3.0576,
-0.6998

■ 171.6840, 2.6208,
-0.5999

■ 144.7980, 3.0576,
-0.6998

■ 119.6840, 2.6208,
-0.5999

■ 94.6840, 2.6208,
-0.5999

■ 70.6840, 2.6208,
-0.5999

■ 48.5700, 2.1840,

-0.4999

■ 27.5700, 2.1840,
-0.4999

■ 1.0260, 3.9312,
-0.8998

■ 226.7980, 3.0576,
-0.6998

■ 226.7980, 3.0576,
-0.6998

■ 206.4200, 13.1039,
-2.9993

■ 247.1760, -6.9888,
1.5996

■ 185.1560, 23.5871,
-5.3988

■ 252.4920, -9.6096,
2.1995

■ 164.7780, 33.6334,
-7.6983

■ 144.4000, 43.6798,
-9.9978

■ 124.0220, 53.7262,
-12.2973

■ 102.7580, 64.2093,
-14.6968

■ 82.3800, 74.2557,
-16.9963

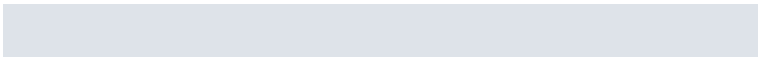
■ 62.0020, 84.3020,
-19.2958

■ 40.7380, 94.7852,
-21.6952

Harmonies

Analogous

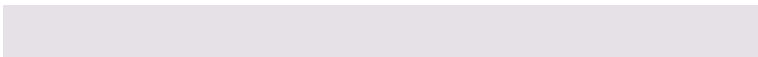
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.1890, 3.3578, -3.6738



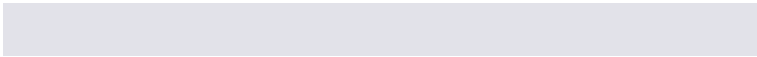
226.7980, 3.0576, -0.6998



227.1790, 1.8838, 2.4740

Triad

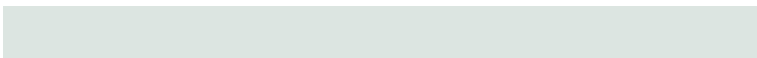
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.7980, 3.0576, -0.6998



227.2350, -3.0739, 5.9329



225.8530, -0.4205, -5.1331

Complementary

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



226.7980, 3.0576, -0.6998



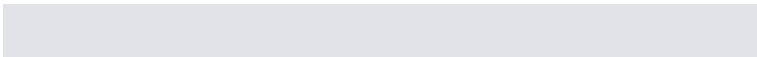
232.2020, -3.0576, 0.6998

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.



225.8210, -1.8838, -2.4740



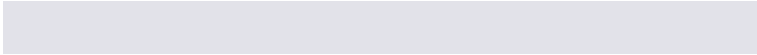
226.7980, 3.0576, -0.6998



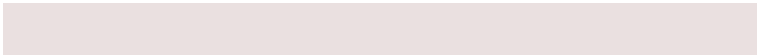
226.8110, -3.3578, 3.6738

Square

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



226.7980, 3.0576, -0.6998



226.9900, -1.4741, 6.1478



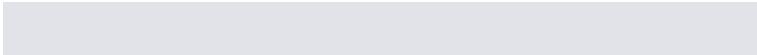
226.2020, -3.0576, 0.6998



225.7110, 1.6215, -6.7625

Rectangle

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



226.7980, 3.0576, -0.6998



227.5490, 0.7153, 3.9035



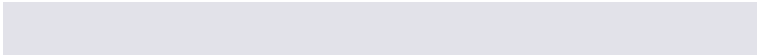
226.2020, -3.0576, 0.6998



225.4510, -0.7153, -3.9035

Sweetspot

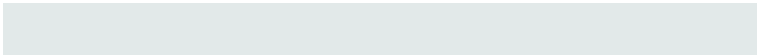
The Sweet Spot groups the original color and five complimentary colors.



226.7980, 3.0576, -0.6998



252.3420, 1.3104, -0.2999



230.9070, 1.0318, -4.3034



126.2280, 0.8736, -0.2000



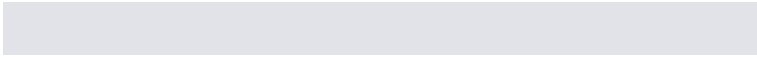
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



226.7980, 3.0576, -0.6998



246.1400, 4.3680, -0.9998



227.9940, 2.4680, 1.7593



111.6840, 2.6208, -0.5999



20.6340, 79.0604, -18.0960



6.1560, 23.5871, -5.3988

Inverse Universe

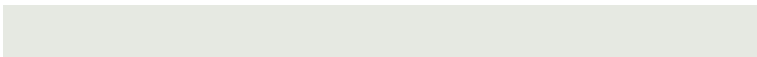
The Inverse Universe completely reimagines the original color for something new.



228.8910, 2.0257, 3.6036



249.1300, 2.8939, 5.1480



231.3050, -2.6154, -1.1445



113.4780, 1.7363, 3.0888



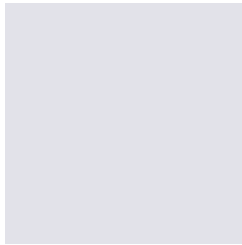
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 226.7980, 3.0576, -0.6998 looks on a white background.

Color Contrast Check

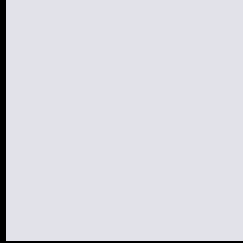
Large Text (above 18pt) WCAG AA × Fail

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 226.7980, 3.0576, -0.6998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

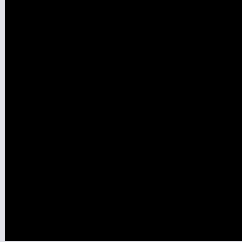
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

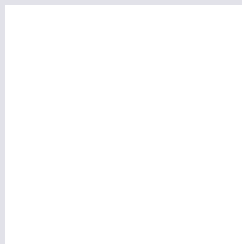
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.7980, 3.0576, -0.6998

Background



This preview shows how black text looks on a background with the YUV color 226.7980, 3.0576, -0.6998.



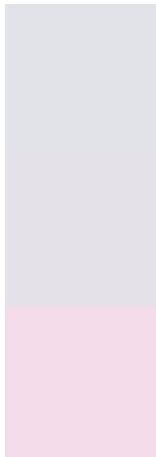
This preview shows how white text looks on a background with the YUV color 226.7980, 3.0576,

-0.6998.

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

226.7980, 3.0576, -0.6998

Protanopia

227.1080, 2.9048, 1.6593

Deuteranopia

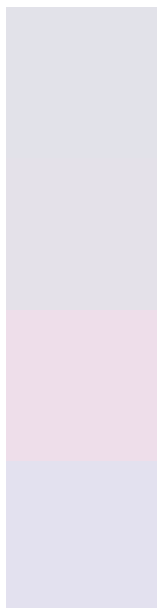
229.0710, 2.4300, 13.9697



Tritanopia

227.5360, 7.1308, -0.4701

Trichromacy



Original Color

226.7980, 3.0576, -0.6998

Protanomaly

226.8090, 3.0522, 1.0445

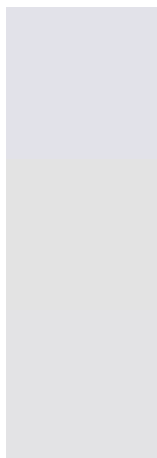
Deuteranomaly

228.1520, 2.8831, 8.6367

Tritanomaly

227.1940, 5.8204, -0.1701

Monochromacy



Original Color

226.7980, 3.0576, -0.6998

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.2280, 0.8736, -0.2000

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7980, 3.0576, -0.6998 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, 226, 233)` looks like.

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

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, 226, 233) colored shadow looks like.

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

Border

The CSS property to change the border of an element to YUV 226.7980, 3.0576, -0.6998 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, 226, 233) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to YUV 226.7980, 3.0576, -0.6998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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