

Converting Colors

YUV(239.2780, -5.0671, -8.1368)

Have a look what the booklet for
YUV(239.2780, -5.0671, -8.1368)
contains.

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Color

**YUV(239.2780, -5.0671,
-8.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F6E5
RGB	230, 246, 229
RGB Percent	90%, 96%, 90%
CMY	0.0980, 0.0353, 0.1020
CMYK	0.07, 0.00, 0.07, 0.04
HSL	116°, 49%, 93%
HSV	116°, 7%, 96%
XYZ	79.7318, 88.3917, 86.9877
YIQ	239.2780, -4.0790, -8.6790

Conversions

Conversions Part 2

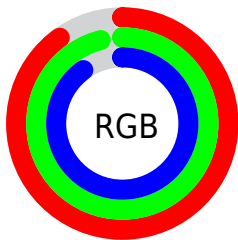
Format	Color
R_{YB}	229, 246, 245
Decimal	15136485
CIE Lab	95.33, -8.29, 6.36
CIE LCh	95, 10.453, 142.514
Yxy	88.3917, 0.3125, 0.3465
Android (android.graphics.Color)	4293326565 (0xFFE6F6E5)
YUV	239.2780, -5.0671, -8.1368
Hunter-Lab	94.0168, -13.1511, 10.9546

Details

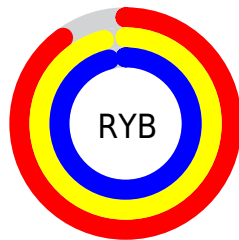
The YUV color $239.2780, -5.0671, -8.1368$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.7220, 5.0671, 8.1368$, and the grayscale version is $239.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.3920, -4.6303, -8.2368$ is the 20% darker color. If you saturate the color by 10%, you get $229.5510, -12.5966, -19.7772$, and if you desaturate by 10%, it is $249.0050, 2.4625, 3.5036$.

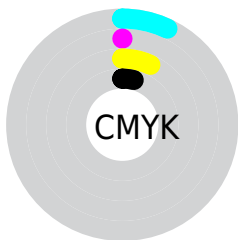
Distribution



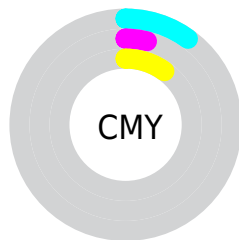
- Red (90%)
- Green (96%)
- Blue (90%)



- Red (90%)
- Yellow (96%)
- Blue (96%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (10%)
- Magenta (4%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.2780, -5.0671, -8.1368 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 239.2780, -5.0671, -8.1368 by changing the saturation by 10% instead.

■ 239.2780, -5.0671,
-8.1368

■ 239.2780, -5.0671,
-8.1368

255.0000, 0.0000,
0.0000

■ 211.2780, -5.0671,
-8.1368

■ 183.3920, -4.6303,
-8.2368

■ 156.6910, -4.7777,
-7.6220

■ 130.1040, -4.4883,
-7.1072

■ 105.1040, -4.4883,
-7.1072

■ 81.2180, -4.0515,
-7.2072

■ 57.9300, -3.9095,

-6.0776

■ 36.0440, -3.4727,
-6.1776

■ 14.2780, -5.0671,
-8.1368

■ 239.2780, -5.0671,
-8.1368

■ 239.2780, -5.0671,
-8.1368

■ 229.5510,
-12.5966, -19.7772

■ 249.0050, 2.4625,
3.5036

■ 219.9380,
-19.6894, -31.5176

■ 249.7170, 2.6045,
4.6332

■ 210.2110,
-27.2190, -43.1580

■ 200.2990,
-34.1644, -55.5132

■ 190.5720,
-41.6940, -67.1536

■ 180.8450,
-49.2236, -78.7941

■ 171.2320,
-56.3164, -90.5345

■ 161.5050,
-63.8460, -102.1749

■ 151.8920,
-70.9388, -113.9153

Harmonies

Analogous

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



240.4210, -8.5886, 1.3848



239.2780, -5.0671, -8.1368



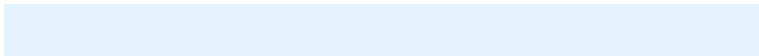
238.9010, 0.0488, -15.6992

Triad

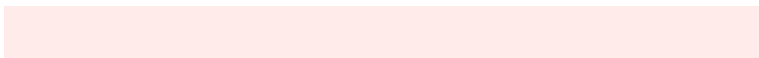
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.2780, -5.0671, -8.1368



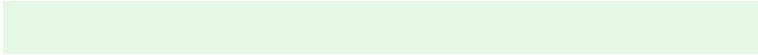
239.8830, 7.4527, -10.4214



240.8660, -3.3849, 12.3955

Complementary

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



239.2780, -5.0671, -8.1368



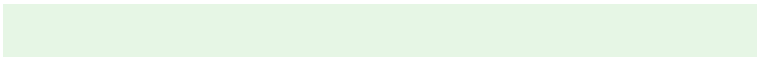
235.7220, 5.0671, 8.1368

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.



242.0060, 0.9830, 11.3957



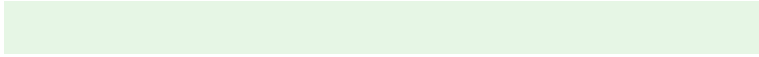
239.2780, -5.0671, -8.1368



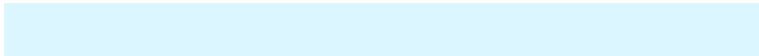
242.0090, 6.4046, -0.8849

Square

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



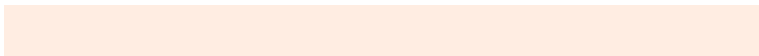
239.2780, -5.0671, -8.1368



239.2520, 7.7638, -16.8840



243.7220, 5.0671, 8.1368



241.1280, -7.4581, 12.1657

Rectangle

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



239.2780, -5.0671, -8.1368



238.3890, 3.2592, -18.7582



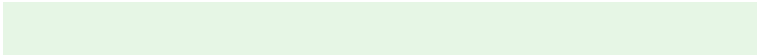
243.7220, 5.0671, 8.1368



241.3220, -1.6377, 11.9956

Sweetspot

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



239.2780, -5.0671, -8.1368



252.9350, -1.4470, -2.5740



243.4750, -7.1362, 2.2144



126.7610, -0.8682, -1.5444



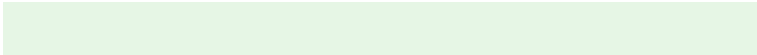
0.0000, 0.0000, 0.0000



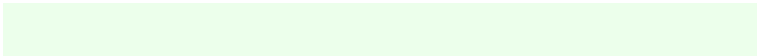
128.0000, 0.0000, 0.0000

Same Dimension

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



239.2780, -5.0671, -8.1368



247.0390, -5.9352, -9.6812



239.7770, -1.8621, -9.4514



117.3430, -3.6201, -5.5628



112.4710, -55.4482, -88.9901



35.5300, -17.5163, -28.5288

Inverse Universe

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



235.7220, 5.0671, 8.1368



242.9610, 5.9352, 9.6812



235.2230, 1.8621, 9.4514



114.9560, 3.4727, 6.1776



73.5290, 55.4482, 88.9901



23.1710, 17.6637, 27.9140

Previews

White Background



This preview shows how the YUV color 239.2780, -5.0671, -8.1368 looks on a white background.

Color Contrast Check

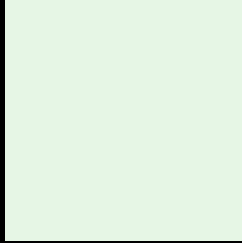
Large Text (above 18pt) WCAG AA × Fail

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 239.2780, -5.0671, -8.1368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

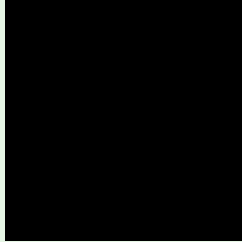
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

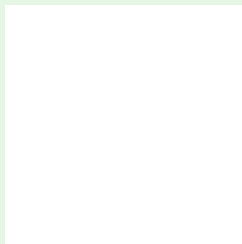
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 239.2780, -5.0671, -8.1368

Background



This preview shows how black text looks on a background with the YUV color 239.2780, -5.0671, -8.1368.



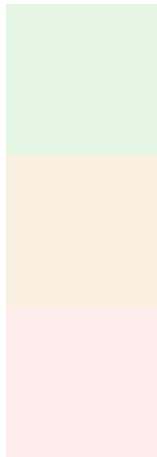
This preview shows how white text looks on a background with the YUV color 239.2780, -5.0671, -8.1368.

-8.1368.

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

239.2780, -5.0671, -8.1368

Protanopia

241.0950, -7.4418, 6.9327

Deuteranopia

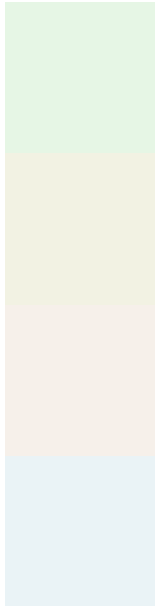
242.3820, -2.6533, 11.0660



Tritanopia

241.4000, 6.7048, -3.8588

Trichromacy



Original Color

239.2780, -5.0671, -8.1368

Protanomaly

240.2900, -6.5520, 1.4997

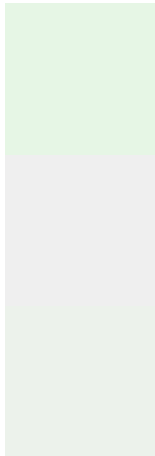
Deuteranomaly

241.1100, -3.5052, 4.2885

Tritanomaly

240.6510, 2.6371, -5.8329

Monochromacy



Original Color

239.2780, -5.0671, -8.1368

Achromatopsia

239.0000, 0.0000, 0.0000

Achromatomaly

239.4080, -2.1731, -2.9888

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.2780, -5.0671, -8.1368 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(230, 246, 229)` looks like.

```
.text, #text, p{  
    color:rgb(230, 246, 229)  
}
```

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(230, 246, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 246, 229) }
```

Border

The CSS property to change the border of an element to YUV 239.2780, -5.0671, -8.1368 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(230, 246, 229) }
```


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

```
.border{ border-color:rgb(230, 246, 229) }
```

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

Here you see how a box with a 4 pixel rgb(230, 246, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 246, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 246, 229);  
box-shadow:4px 4px 4px 4px rgb(230, 246,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 239.2780, -5.0671, -8.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 246, 229) }
```

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

```
.background{ background-color: rgb(230,  
246, 229) }
```

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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