

Converting Colors

YUV(239.8060, -5.8204, 0.1701)

Have a look what the booklet for
YUV(239.8060, -5.8204, 0.1701)
contains.

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Color

**YUV(239.8060, -5.8204,
0.1701)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F2E4
RGB	240, 242, 228
RGB Percent	94%, 95%, 89%
CMY	0.0588, 0.0510, 0.1059
CMYK	0.01, 0.00, 0.06, 0.05
HSL	69°, 35%, 92%
HSV	69°, 6%, 95%
XYZ	81.6909, 87.6310, 86.0077
YIQ	239.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

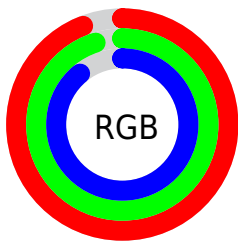
Format	Color
R _Y B	228, 242, 230
Decimal	15790820
CIE Lab	95.01, -3.08, 6.51
CIE LCh	95, 7.202, 115.345
Yxy	87.6310, 0.3199, 0.3432
Android (android.graphics.Color)	4293980900 (0xFFFF0F2E4)
YUV	239.8060, -5.8204, 0.1701
Hunter-Lab	93.6114, -8.0502, 11.0539

Details

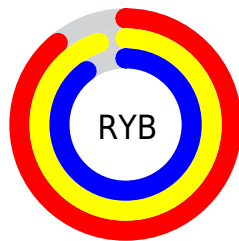
The YUV color $239.8060, -5.8204, 0.1701$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $230.1940, 5.8204, -0.1701$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.9200, -5.3836, 0.0702$ is the 20% darker color. If you saturate the color by 10%, you get $236.1730, -15.8613, 0.7253$, and if you desaturate by 10%, it is $243.4390, 4.2206, -0.3850$.

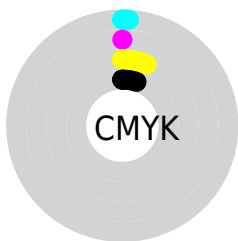
Distribution



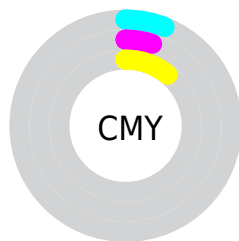
- Red (94%)
- Green (95%)
- Blue (89%)



- Red (89%)
- Yellow (95%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.8060, -5.8204, 0.1701 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 239.8060, -5.8204, 0.1701 by changing the saturation by 10% instead.

■ 239.8060, -5.8204,
0.1701

■ 239.8060, -5.8204,
0.1701

255.0000, 0.0000,
0.0000

■ 211.8060, -5.8204,
0.1701

■ 183.9200, -5.3836,
0.0702

■ 156.9200, -5.3836,
0.0702

■ 130.9200, -5.3836,
0.0702

■ 106.0340, -4.9468,
-0.0298

■ 81.4470, -4.6574,
0.4850

■ 58.4470, -4.6574,

0.4850

■ 37.1480, -4.5100,
-0.1298

■ 15.5780, -6.6940,
0.3701

■ 239.8060, -5.8204,
0.1701

■ 239.8060, -5.8204,
0.1701

■ 236.1730,
-15.8613, 0.7253

■ 243.4390, 4.2206,
-0.3850

■ 232.2410,
-25.7548, 0.6656

■ 244.9770, 4.9413,
1.7742

■ 228.4940,
-36.2325, 1.3208

■ 245.8740, 4.4991,
3.6185

■ 224.5620,
-46.1261, 1.2611

■ 247.0700, 3.9095,
6.0776

■ 220.9290,
-56.1670, 1.8163

■ 247.3690, 3.7621,
6.6924

■ 216.9970,
-66.0605, 1.7566

■ 213.3640,
-76.1015, 2.3118

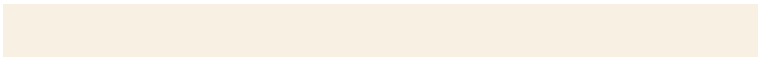
■ 209.3180,
-86.4318, 2.3521

■ 205.6850,
-96.4727, 2.9073

Harmonies

Analogous

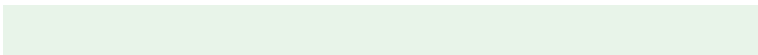
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.9100, -6.8576, 6.2179



239.8060, -5.8204, 0.1701



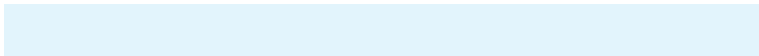
239.1580, -3.0359, -6.2776

Triad

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



239.8060, -5.8204, 0.1701



239.5300, 6.1477, -11.8658



242.0660, -0.0325, 10.4661

Complementary

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



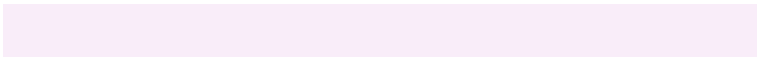
239.8060, -5.8204, 0.1701



230.1940, 5.8204, -0.1701

Split Complementary

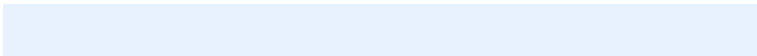
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.9560, 3.4727, 6.1776



239.8060, -5.8204, 0.1701



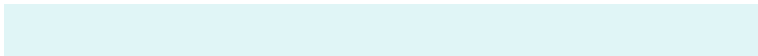
240.3780, 6.7156, -7.3475

Square

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



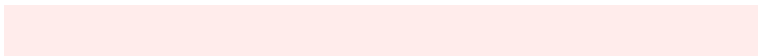
239.8060, -5.8204, 0.1701



238.8350, 3.5323, -13.0103



241.1940, 5.8204, -0.1701



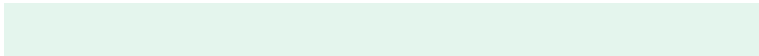
241.5670, -3.2375, 11.7807

Rectangle

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



239.8060, -5.8204, 0.1701



239.0050, -0.9885, -9.6514



241.1940, 5.8204, -0.1701



241.9950, 0.9885, 9.6514

Sweetspot

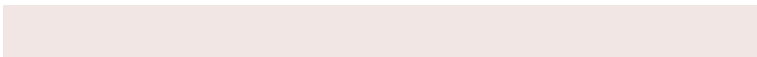
The Sweet Spot groups the original color and five complimentary colors.



239.8060, -5.8204, 0.1701



254.1310, -2.0366, -0.1149



233.3600, -2.6425, 7.5773



127.3590, -1.1630, -0.3148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

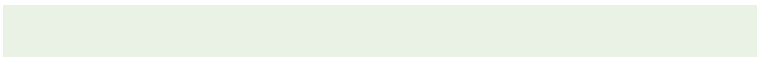
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.8060, -5.8204, 0.1701



252.0510, -7.4201, -0.0447



237.7130, -4.7885, -4.1333



118.2620, -4.0732, -0.2298



154.9510, -76.3908, 1.7970



47.2240, -23.2814, 0.6806

Inverse Universe

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



230.1940, 5.8204, -0.1701



239.9490, 7.4201, 0.0447



232.2870, 4.7885, 4.1333



111.7380, 4.0732, 0.2298



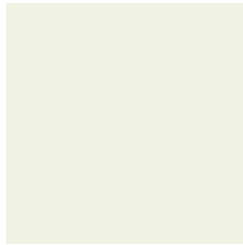
28.7500, 76.5383, -2.4118



8.7760, 23.2814, -0.6806

Previews

White Background



This preview shows how the YUV color 239.8060, -5.8204, 0.1701 looks on a white background.

Color Contrast Check

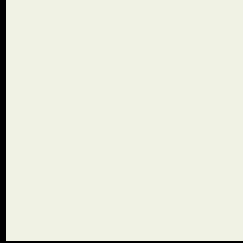
Large Text (above 18pt) WCAG AA × Fail

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 239.8060, -5.8204, 0.1701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

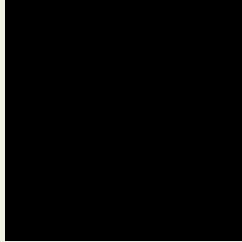
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

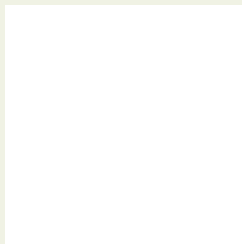
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 239.8060, -5.8204, 0.1701

Background



This preview shows how black text looks on a background with the YUV color 239.8060, -5.8204, 0.1701.



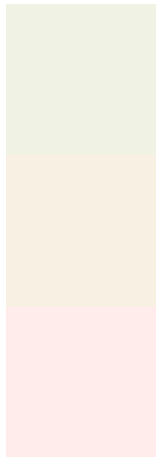
This preview shows how white text looks on a background with the YUV color 239.8060, -5.8204,

0.1701.

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

239.8060, -5.8204, 0.1701

Protanopia

240.9100, -6.8576, 6.2179

Deuteranopia

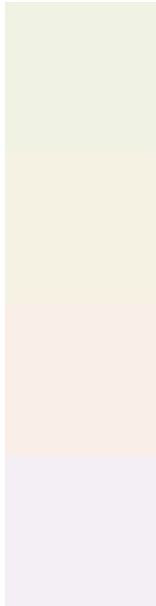
241.5670, -3.2375, 11.7807



Tritanopia

241.7320, 6.5411, 1.9890

Trichromacy



Original Color

239.8060, -5.8204, 0.1701

Protanomaly

240.6000, -6.7048, 3.8588

Deuteranomaly

240.9040, -4.3897, 7.9772

Tritanomaly

240.8800, 2.0312, 1.8592

Monochromacy



Original Color

239.8060, -5.8204, 0.1701

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.8060, -5.8204, 0.1701 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(240, 242, 228)` looks like.

```
.text, #text, p{  
    color:rgb(240, 242, 228)  
}
```

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(240, 242, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 228) }
```

Border

The CSS property to change the border of an element to YUV 239.8060, -5.8204, 0.1701 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(240, 242, 228) }
```


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

```
.border{ border-color:rgb(240, 242, 228) }
```

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

Here you see how a box with a 4 pixel rgb(240, 242, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 242, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 242, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 242,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 239.8060, -5.8204, 0.1701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 242, 228) }
```

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

```
.background{ background-color: rgb(240,  
242, 228) }
```

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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