

Converting Colors

YUV(240.4160, 5.7109,
-11.7658)

Have a look what the booklet for
YUV(240.4160, 5.7109, -11.7658)
contains.

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Color

**YUV(240.4160, 5.7109,
-11.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F5FC
RGB	227, 245, 252
RGB Percent	89%, 96%, 99%
CMY	0.1098, 0.0392, 0.0118
CMYK	0.10, 0.03, 0.00, 0.01
HSL	197°, 81%, 94%
HSV	197°, 10%, 99%
XYZ	81.9016, 88.6640, 104.8926
YIQ	240.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

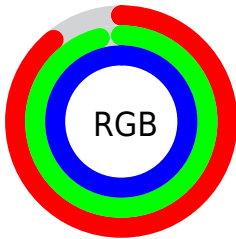
Format	Color
R _Y B	227, 237, 252
Decimal	14939644
CIE Lab	95.44, -4.55, -5.39
CIE LCh	95, 7.051, 229.840
Yxy	88.6640, 0.2973, 0.3219
Android (android.graphics.Color)	4293129724 (0xFFE3F5FC)
YUV	240.4160, 5.7109, -11.7658
Hunter-Lab	94.1616, -9.5236, -0.1339

Details

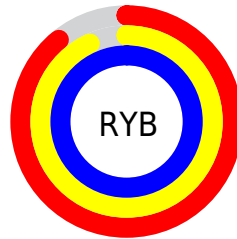
The YUV color `240.4160, 5.7109, -11.7658` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `238.5840, -5.7109, 11.7658`, and the grayscale version is `240.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `184.6010, 5.1267, -11.0511` is the 20% darker color. If you saturate the color by 10%, you get `228.8320, 11.4218, -23.5317`, and if you desaturate by 10%, it is `252.0000, 0.0000, 0.0000`.

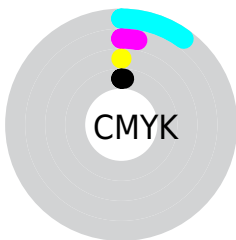
Distribution



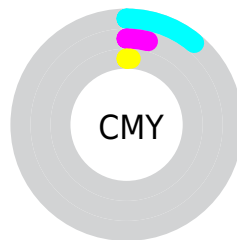
- Red (89%)
- Green (96%)
- Blue (99%)



- Red (89%)
- Yellow (93%)
- Blue (99%)



- Cyan (10%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)



- Cyan (11%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 240.4160, 5.7109, -11.7658 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 240.4160, 5.7109, -11.7658 by changing the saturation by 10% instead.

■ 240.4160, 5.7109,
-11.7658

■ 240.4160, 5.7109,
-11.7658

255.0000, 0.0000,
0.0000

■ 212.3020, 5.2741,
-11.6659

■ 184.6010, 5.1267,
-11.0511

■ 157.6010, 5.1267,
-11.0511

■ 131.6010, 5.1267,
-11.0511

■ 105.9000, 4.9793,
-10.4363

■ 81.9000, 4.9793,
-10.4363

■ 59.0850, 4.3951,

-9.7215

■ 37.0850, 4.3951,
-9.7215

■ 15.7750, 4.5479,
-12.0807

■ 240.4160, 5.7109,
-11.7658

■ 240.4160, 5.7109,
-11.7658

■ 228.8320, 11.4218,
-23.5317

■ 252.0000, 0.0000,
0.0000

■ 217.2480, 17.1327,
-35.2975

■ 254.6580, -1.3104,
0.2999

■ 205.3650, 22.9911,
-47.6781

■ 193.7810, 28.7020,
-59.4439

■ 182.1970, 34.4129,
-71.2098

■ 170.6130, 40.1238,
-82.9756

■ 159.0290, 45.8347,
-94.7414

■ 147.1460, 51.6930,
-107.1220

■ 134.9750, 57.6933,
-118.3731

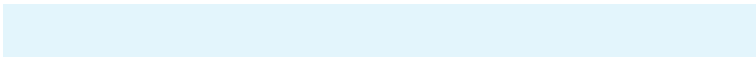
Harmonies

Analogous

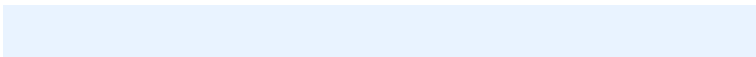
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.0200, 2.9481, -12.2955



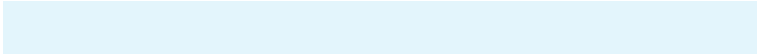
240.4160, 5.7109, -11.7658



241.3780, 6.7156, -7.3475

Triad

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



240.4160, 5.7109, -11.7658



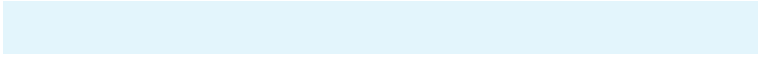
243.7670, 0.1149, 9.8513



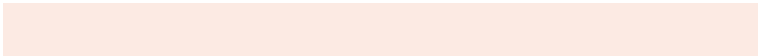
241.4040, -6.1152, 1.3997

Complementary

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



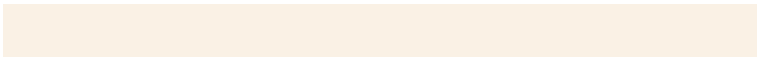
240.4160, 5.7109, -11.7658



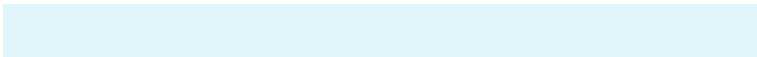
238.5840, -5.7109, 11.7658

Split Complementary

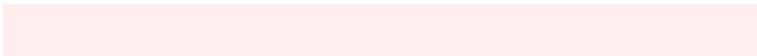
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.3230, -6.5682, 6.7327



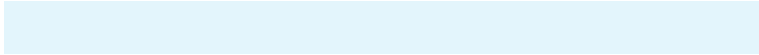
240.4160, 5.7109, -11.7658



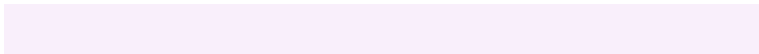
242.9690, -2.9427, 10.5512

Square

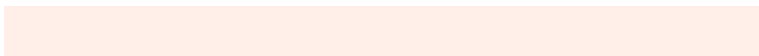
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.4160, 5.7109, -11.7658



243.3580, 3.7675, 4.9480



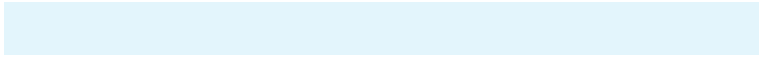
242.9860, -5.4161, 10.5363



240.6420, -3.7675, -4.9480

Rectangle

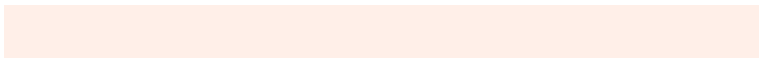
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.4160, 5.7109, -11.7658



242.2860, 6.2680, -3.7588



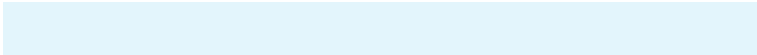
242.9860, -5.4161, 10.5363



241.3010, -6.5574, 3.2440

Sweetspot

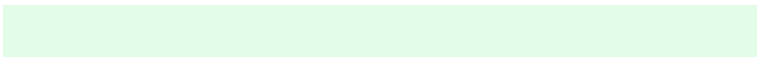
The Sweet Spot groups the original color and five complimentary colors.



240.4160, 5.7109, -11.7658



251.4340, 1.7580, -3.8886



242.4730, -4.1772, -13.5698



125.0320, 1.4632, -2.6591



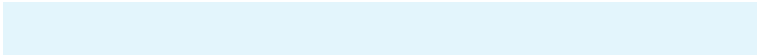
0.0000, 0.0000, 0.0000



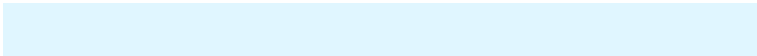
128.0000, 0.0000, 0.0000

Same Dimension

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



240.4160, 5.7109, -11.7658



240.4480, 7.1741, -14.4249



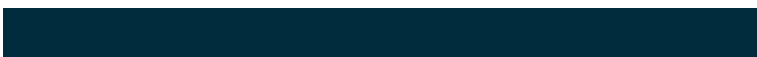
233.3720, 9.1836, -5.5882



118.7650, 3.0739, -5.9329



101.3780, 43.1976, -88.9085



32.7820, 13.9115, -28.7498

Inverse Universe

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



236.5270, 4.1772, 13.5698



235.7770, 5.0399, 16.8586



245.6280, -9.1836, 5.5882



116.9130, 2.0149, 7.0923



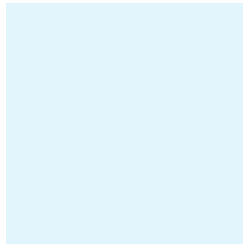
72.0150, 31.5446, 102.5958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 240.4160, 5.7109, -11.7658 looks on a white background.

Color Contrast Check

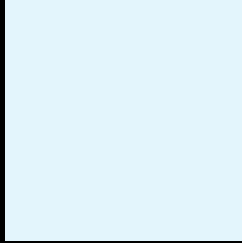
Large Text (above 18pt) WCAG AA × Fail

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 240.4160, 5.7109, -11.7658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

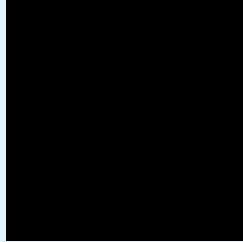
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

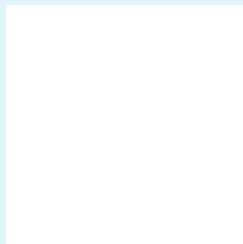
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 240.4160, 5.7109, -11.7658

Background



This preview shows how black text looks on a background with the YUV color 240.4160, 5.7109, -11.7658.



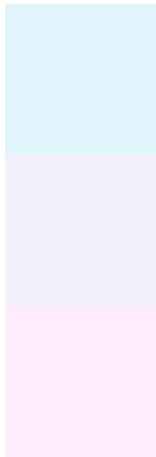
This preview shows how white text looks on a background with the YUV color 240.4160, 5.7109, -11.7658.

-11.7658.

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

240.4160, 5.7109, -11.7658

Protanopia

242.2220, 3.3416, 1.5593

Deuteranopia

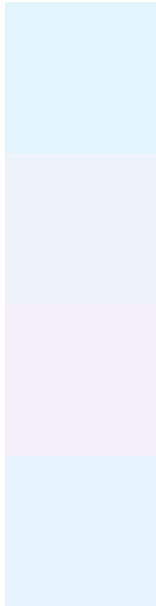
243.3910, 3.7512, 10.1811



Tritanopia

241.6770, 6.5682, -6.7327

Trichromacy



Original Color

240.4160, 5.7109, -11.7658

Protanomaly

241.7160, 4.0840, -3.2589

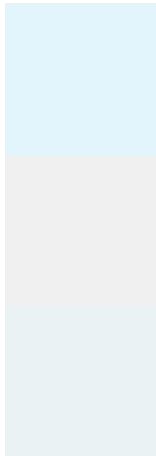
Deuteranomaly

242.1620, 4.3571, 2.4889

Tritanomaly

241.2530, 6.2843, -8.9919

Monochromacy



Original Color

240.4160, 5.7109, -11.7658

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.1350, 1.9054, -4.5034

CSS Examples

Text

The CSS property to change the color of the text to YUV 240.4160, 5.7109, -11.7658 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(227, 245, 252)` looks like.

```
.text, #text, p{  
    color:rgb(227, 245, 252)  
}
```

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(227, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 245, 252) }
```

Border

The CSS property to change the border of an element to YUV 240.4160, 5.7109, -11.7658 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(227, 245, 252) }
```


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

```
.border{ border-color:rgb(227, 245, 252) }
```

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

Here you see how a box with a 4 pixel rgb(227, 245, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(227, 245,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 240.4160, 5.7109, -11.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 245, 252) }
```

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

```
.background{ background-color: rgb(227,  
245, 252) }
```

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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