

Converting Colors

YUV(233.5850, 6.1206, -3.1440)

Have a look what the booklet for
YUV(233.5850, 6.1206, -3.1440)
contains.

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Color

**YUV(233.5850, 6.1206,
-3.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E9F6
RGB	230, 233, 246
RGB Percent	90%, 91%, 96%
CMY	0.0980, 0.0863, 0.0353
CMYK	0.07, 0.05, 0.00, 0.04
HSL	229°, 47%, 93%
HSV	229°, 7%, 96%
XYZ	78.4066, 81.7546, 98.8365
YIQ	233.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

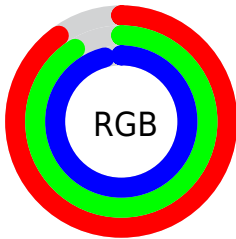
Format	Color
R _Y B	230, 233, 246
Decimal	15133174
CIE Lab	92.47, 1.40, -6.64
CIE LCh	92, 6.785, 281.928
Yxy	81.7546, 0.3027, 0.3157
Android (android.graphics.Color)	4293323254 (0xFFE6E9F6)
YUV	233.5850, 6.1206, -3.1440
Hunter-Lab	90.4183, -3.4449, -1.5173

Details

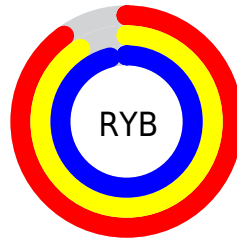
The YUV color $233.5850, 6.1206, -3.1440$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.4150, -6.1206, 3.1440$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.5850, 6.1206, -3.1440$ is the 20% darker color. If you saturate the color by 10%, you get $214.3700, 15.5936, -8.2175$, and if you desaturate by 10%, it is $252.8000, -3.3524, 1.9294$.

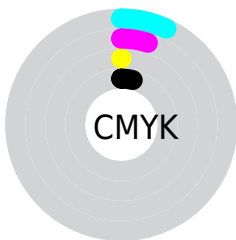
Distribution



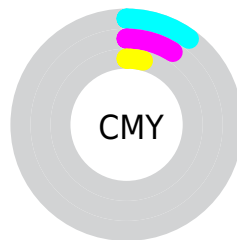
- Red (90%)
- Green (91%)
- Blue (96%)



- Red (90%)
- Yellow (91%)
- Blue (96%)



- Cyan (7%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.5850, 6.1206, -3.1440 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 233.5850, 6.1206, -3.1440 by changing the saturation by 10% instead.

■ 233.5850, 6.1206,
-3.1440

■ 233.5850, 6.1206,
-3.1440

255.0000, 0.0000,
0.0000

■ 205.5850, 6.1206,
-3.1440

■ 177.5850, 6.1206,
-3.1440

■ 151.4710, 5.6838,
-3.0441

■ 125.3570, 5.2470,
-2.9441

■ 100.3570, 5.2470,
-2.9441

■ 76.3570, 5.2470,
-2.9441

■ 53.5420, 4.6628,

-2.2293

■ 32.5420, 4.6628,
-2.2293

■ 9.1720, 5.8312,
-3.6588

■ 233.5850, 6.1206,
-3.1440

■ 233.5850, 6.1206,
-3.1440

■ 214.3700, 15.5936,
-8.2175

■ 252.8000, -3.3524,
1.9294

■ 195.4540, 24.9192,
-12.6762

■ 253.9740, -3.9312,
0.8998

■ 176.2390, 34.3922,
-17.7496

■ 157.3230, 43.7178,
-22.2083

■ 138.1080, 53.1908,
-27.2817

■ 118.8930, 62.6638,
-32.3552

■ 99.9770, 71.9893,
-36.8138

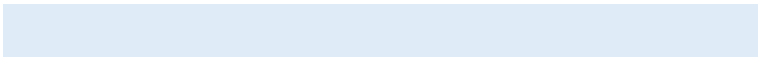
■ 80.7620, 81.4623,
-41.8873

■ 61.8460, 90.7879,
-46.3459

Harmonies

Analogous

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



232.6660, 6.5737, -8.4771



233.5850, 6.1206, -3.1440



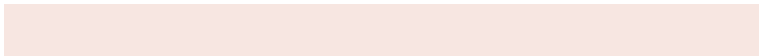
234.4610, 4.2097, 3.1037

Triad

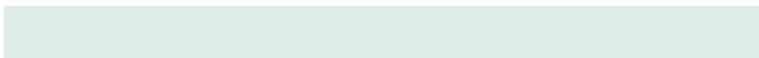
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.5850, 6.1206, -3.1440



234.5130, -4.6899, 10.9511



231.6030, -1.2833, -8.4218

Complementary

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



233.5850, 6.1206, -3.1440



242.4150, -6.1206, 3.1440

Split Complementary

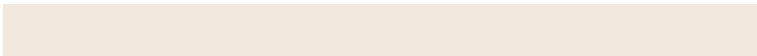
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.5390, -4.2097, -3.1037



233.5850, 6.1206, -3.1440



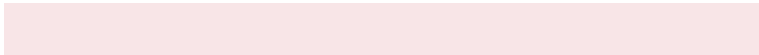
234.0350, -6.4263, 7.8623

Square

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



233.5850, 6.1206, -3.1440



234.9090, -1.9271, 11.4808



233.1160, -5.9732, 2.5293



231.2050, 2.3639, -11.5808

Rectangle

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



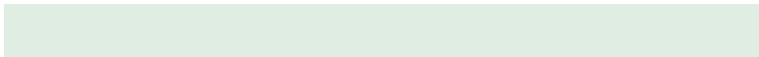
233.5850, 6.1206, -3.1440



235.0270, 2.4517, 6.9923



233.1160, -5.9732, 2.5293



231.9730, -2.4517, -6.9923

Sweetspot

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



233.5850, 6.1206, -3.1440



251.1570, 1.8946, -1.0147



240.8740, 1.0481, -9.5365



125.3420, 1.3104, -0.2999



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.



233.5850, 6.1206, -3.1440



239.0410, 7.8678, -3.5440



233.3190, 6.2517, 1.4742



112.5420, 4.6628, -2.2293



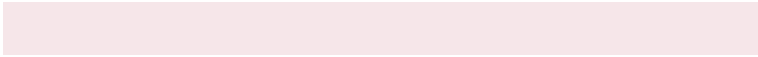
41.7490, 71.1157, -36.6139



13.1830, 22.5878, -11.5615

Inverse Universe

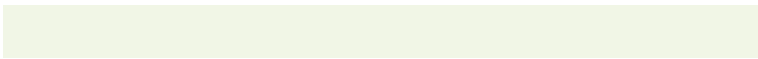
The Inverse Universe completely reimagines the original color for something new.



235.1260, -1.0481, 9.5365



241.3220, -1.6377, 11.9956



242.6810, -6.2517, -1.4742



113.8160, -0.8953, 7.1774



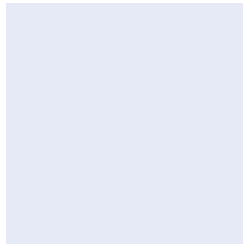
59.6040, -12.1298, 110.8493



18.8950, -3.8922, 35.1721

Previews

White Background



This preview shows how the YUV color 233.5850, 6.1206, -3.1440 looks on a white background.

Color Contrast Check

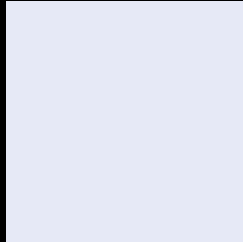
Large Text (above 18pt) WCAG AA × Fail

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 233.5850, 6.1206, -3.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

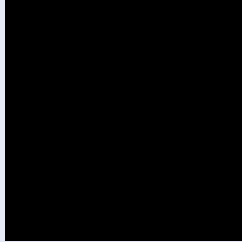
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

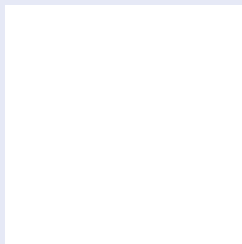
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.5850, 6.1206, -3.1440

Background



This preview shows how black text looks on a background with the YUV color 233.5850, 6.1206, -3.1440.



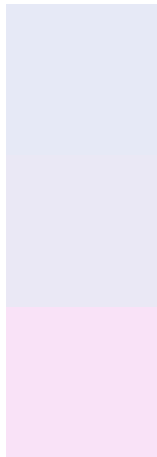
This preview shows how white text looks on a background with the YUV color 233.5850, 6.1206,

-3.1440.

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

233.5850, 6.1206, -3.1440

Protanopia

234.0800, 5.3836, -0.0702

Deuteranopia

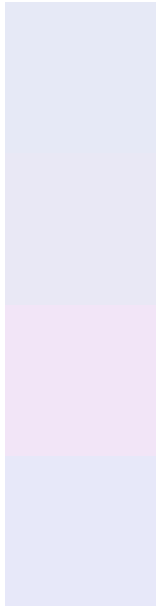
235.2710, 5.7824, 12.0403



Tritanopia

233.8670, 8.4466, -2.5144

Trichromacy



Original Color

233.5850, 6.1206, -3.1440

Protanomaly

233.7810, 5.5310, -0.6849

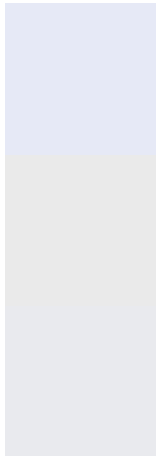
Deuteranomaly

234.9390, 5.9461, 6.1925

Tritanomaly

233.6390, 7.5730, -2.3144

Monochromacy



Original Color

233.5850, 6.1206, -3.1440

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.1570, 1.8946, -1.0147

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.5850, 6.1206, -3.1440 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, 233, 246)` looks like.

```
.text, #text, p{  
    color:rgb(230, 233, 246)  
}
```

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, 233, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 233, 246) }
```

Border

The CSS property to change the border of an element to YUV 233.5850, 6.1206, -3.1440 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, 233, 246) }
```


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

```
.border{ border-color:rgb(230, 233, 246) }
```

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

Here you see how a box with a 4 pixel rgb(230, 233, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 233, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 233, 246);  
box-shadow:4px 4px 4px 4px rgb(230, 233,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 233.5850, 6.1206, -3.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 233, 246) }
```

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

```
.background{ background-color: rgb(230,  
233, 246) }
```

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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