

Converting Colors

YUV(233.4370, 10.6306,
-3.0142)

Have a look what the booklet for
YUV(233.4370, 10.6306, -3.0142)
contains.

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Color

**YUV(233.4370, 10.6306,
-3.0142)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E7FF
RGB	230, 231, 255
RGB Percent	90%, 91%, 100%
CMY	0.0980, 0.0941, 0.0000
CMYK	0.10, 0.09, 0.00, 0.00
HSL	238°, 100%, 95%
HSV	238°, 10%, 100%
XYZ	79.2590, 81.1948, 106.1025
YIQ	233.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

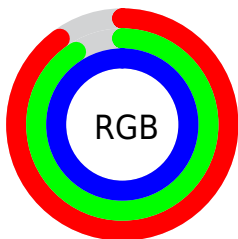
Format	Color
R _Y B	230, 231, 255
Decimal	15132671
CIE Lab	92.22, 4.17, -11.70
CIE LCh	92, 12.419, 289.596
Yxy	81.1948, 0.2973, 0.3046
Android (android.graphics.Color)	4293322751 (0xFFE6E7FF)
YUV	233.4370, 10.6306, -3.0142
Hunter-Lab	90.1082, -0.6809, -6.7383

Details

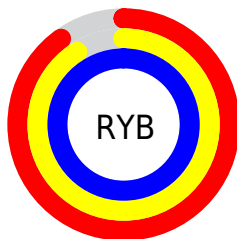
The YUV color $233.4370, 10.6306, -3.0142$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $251.5630, -10.6306, 3.0142$, and the grayscale version is $233.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.3230, 10.1938, -2.9143$ is the 20% darker color. If you saturate the color by 10%, you get $211.8740, 21.2611, -6.0285$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

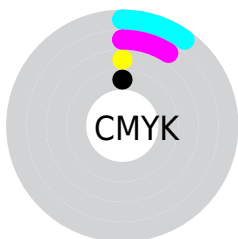
Distribution



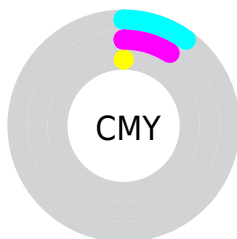
- Red (90%)
- Green (91%)
- Blue (100%)



- Red (90%)
- Yellow (91%)
- Blue (100%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.4370, 10.6306, -3.0142 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 233.4370, 10.6306, -3.0142 by changing the saturation by 10% instead.

■ 233.4370, 10.6306,
-3.0142

■ 233.4370, 10.6306,
-3.0142

255.0000, 0.0000,
0.0000

■ 205.3230, 10.1938,
-2.9143

■ 177.3230, 10.1938,
-2.9143

■ 151.2090, 9.7570,
-2.8143

■ 125.0950, 9.3202,
-2.7143

■ 100.0950, 9.3202,
-2.7143

■ 75.9810, 8.8834,
-2.6143

■ 53.4540, 8.1572,

-3.0292

■ 32.3400, 7.7204,
-2.9292

■ 8.0950, 9.3202,
-2.7143

■ 233.4370, 10.6306,
-3.0142

■ 233.4370, 10.6306,
-3.0142

■ 211.8740, 21.2611,
-6.0285

255.0000, 0.0000,
0.0000

■ 189.4250, 32.3285,
-9.1427

■ 167.8620, 42.9590,
-12.1570

■ 145.4130, 54.0264,
-15.2712

■ 123.8500, 64.6570,
-18.2854

■ 101.4010, 75.7243,
-21.3997

■ 79.8380, 86.3549,
-24.4139

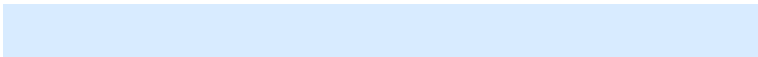
■ 57.3890, 97.4222,
-27.5282

■ 35.8260, 108.0528,
-30.5424

Harmonies

Analogous

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



231.5990, 11.5367, -13.6803



233.4370, 10.6306, -3.0142



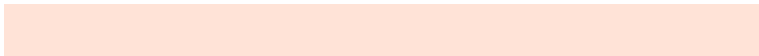
234.4770, 6.6668, 8.3517

Triad

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



233.4370, 10.6306, -3.0142



234.0040, -9.3690, 18.4135



229.3630, -0.6720, -17.8584

Complementary

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



233.4370, 10.6306, -3.0142



251.5630, -10.6306, 3.0142

Split Complementary

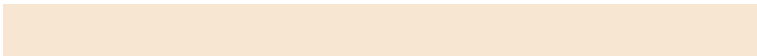
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



230.2240, -6.5194, -8.9664



233.4370, 10.6306, -3.0142



232.6890, -11.6787, 12.5507

Square

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



233.4370, 10.6306, -3.0142



233.9700, -4.4222, 18.4433



231.2640, -10.4832, 2.3995



228.9370, 5.4541, -22.7467

Rectangle

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



233.4370, 10.6306, -3.0142



235.4840, 2.7194, 14.4845



231.2640, -10.4832, 2.3995



229.2170, -2.5720, -15.0993

Sweetspot

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



233.4370, 10.6306, -3.0142



248.4990, 3.2050, -1.3146



247.4110, 3.2484, -15.2694



123.2710, 2.3314, -1.1147



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.



233.4370, 10.6306, -3.0142



228.7080, 12.9620, -4.1289



236.1390, 9.2985, 4.2631



116.4820, 5.6784, -1.2997



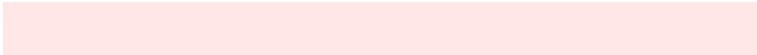
26.4700, 81.1133, -23.2142



9.0570, 27.0869, -7.9430

Inverse Universe

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



237.5890, -3.2484, 15.2694



233.4970, -3.6960, 18.8581



248.8610, -9.2985, -4.2631



118.8870, -1.9163, 7.9921



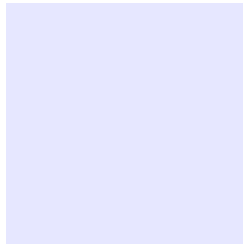
58.0210, -24.6604, 116.6226



19.4780, -8.1237, 39.0458

Previews

White Background



This preview shows how the YUV color 233.4370, 10.6306, -3.0142 looks on a white background.

Color Contrast Check

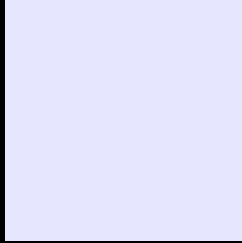
Large Text (above 18pt) WCAG AA × Fail

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 233.4370, 10.6306, -3.0142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

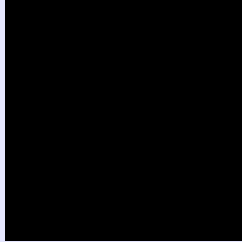
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 233.4370, 10.6306, -3.0142

Background



This preview shows how black text looks on a background with the YUV color 233.4370, 10.6306, -3.0142.



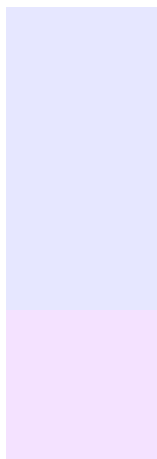
This preview shows how white text looks on a background with the YUV color 233.4370, 10.6306, -3.0142.

-3.0142.

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

233.4370, 10.6306, -3.0142

Protanopia

233.4370, 10.6306, -3.0142

Deuteranopia

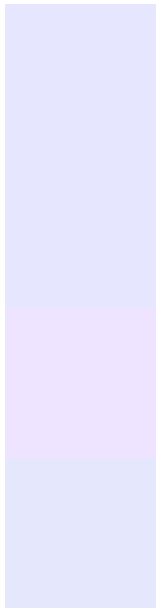
234.6880, 10.0138, 8.1666



Tritanopia

233.1550, 8.3046, -3.6439

Trichromacy



Original Color

233.4370, 10.6306, -3.0142

Protanomaly

233.4370, 10.6306, -3.0142

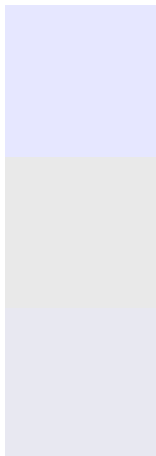
Deuteranomaly

234.3670, 10.1721, 4.0631

Tritanomaly

233.3830, 9.1782, -3.8439

Monochromacy



Original Color

233.4370, 10.6306, -3.0142

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0260, 3.9312, -0.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.4370, 10.6306, -3.0142 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, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(230, 231, 255)  
}
```

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, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 231, 255) }
```

Border

The CSS property to change the border of an element to YUV 233.4370, 10.6306, -3.0142 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, 231, 255) }
```


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

```
.border{ border-color:rgb(230, 231, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(230, 231,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 233.4370, 10.6306, -3.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 231, 255) }
```

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

```
.background{ background-color: rgb(230,  
231, 255) }
```

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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