

Converting Colors

YUV(231.3320, -3.6147, -7.3072)

Have a look what the booklet for
YUV(231.3320, -3.6147, -7.3072)
contains.

YUV(231.3320, -3.6147, -7.3072)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(231.3320, -3.6147,
-7.3072)**

Conversions

Conversions Part 1

Format	Color
Hex	DFEDE0
RGB	223, 237, 224
RGB Percent	87%, 93%, 88%
CMY	0.1255, 0.0706, 0.1216
CMYK	0.06, 0.00, 0.05, 0.07
HSL	124°, 28%, 90%
HSV	124°, 6%, 93%
XYZ	74.1702, 81.6382, 82.3696
YIQ	231.3320, -4.1710, -7.0110

Conversions

Conversions Part 2

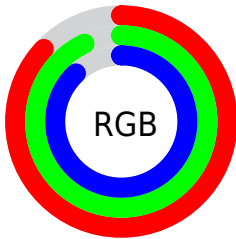
Format	Color
R _Y B	223, 236, 237
Decimal	14675424
CIE Lab	92.41, -6.98, 4.69
CIE LCh	92, 8.406, 146.112
Yxy	81.6382, 0.3114, 0.3428
Android (android.graphics.Color)	4292865504 (0xFFDFE0)
YUV	231.3320, -3.6147, -7.3072
Hunter-Lab	90.3538, -11.5912, 9.1970

Details

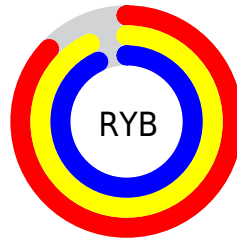
The YUV color $231.3320, -3.6147, -7.3072$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.6680, 3.6147, 7.3072$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.7450, -3.3253, -6.7924$ is the 20% darker color. If you saturate the color by 10%, you get $221.6480, -9.6865, -19.8623$, and if you desaturate by 10%, it is $241.0160, 2.4571, 5.2480$.

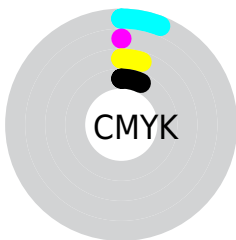
Distribution



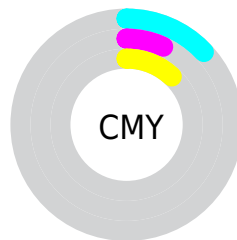
- Red (87%)
- Green (93%)
- Blue (88%)



- Red (87%)
- Yellow (93%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.3320, -3.6147, -7.3072 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 231.3320, -3.6147, -7.3072 by changing the saturation by 10% instead.

■ 231.3320, -3.6147,
-7.3072

■ 231.3320, -3.6147,
-7.3072

255.0000, 0.0000,
0.0000

■ 203.3320, -3.6147,
-7.3072

■ 175.7450, -3.3253,
-6.7924

■ 148.7450, -3.3253,
-6.7924

■ 123.1580, -3.0359,
-6.2776

■ 98.1580, -3.0359,
-6.2776

■ 74.5710, -2.7465,
-5.7628

■ 51.5710, -2.7465,

-5.7628

■ 30.9840, -2.4571,
-5.2480

■ 7.6310, -3.7621,
-6.6924

■ 231.3320, -3.6147,
-7.3072

■ 231.3320, -3.6147,
-7.3072

■ 221.6480, -9.6865,
-19.8623

■ 241.0160, 2.4571,
5.2480

■ 212.2630,
-15.9057, -31.8027

■ 244.4340, 5.2090,
9.2664

■ 202.5790,
-21.9774, -44.3578

■ 192.8950,
-28.0492, -56.9129

■ 183.2110,
-34.1210, -69.4680

■ 173.8260,
-40.3402, -81.4084

■ 164.1420,
-46.4120, -93.9635

■ 154.4580,
-52.4838, -106.5187

■ 145.0730,
-58.7030, -118.4590

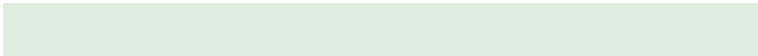
Harmonies

Analogous

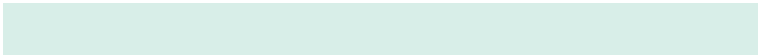
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.2790, -6.5465, -0.2447



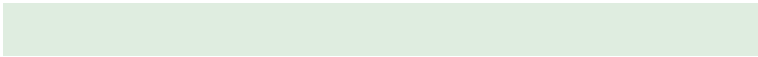
231.3320, -3.6147, -7.3072



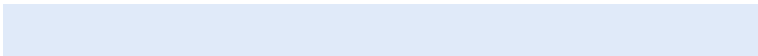
230.7380, 0.6222, -12.9252

Triad

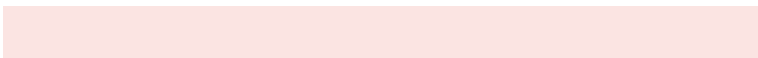
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.3320, -3.6147, -7.3072



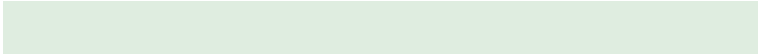
232.7200, 8.0260, -7.6474



234.6490, -4.2640, 14.3398

Complementary

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



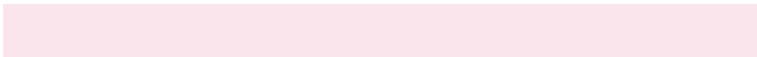
231.3320, -3.6147, -7.3072



228.6680, 3.6147, 7.3072

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.



235.0770, -0.0380, 12.2105



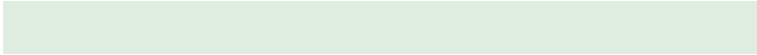
231.3320, -3.6147, -7.3072



234.4220, 6.6940, -0.3701

Square

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



231.3320, -3.6147, -7.3072



231.7470, 7.0267, -13.8101



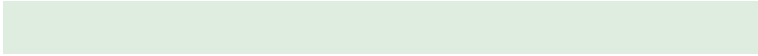
234.6680, 3.6147, 7.3072



234.2420, -7.0213, 12.0658

Rectangle

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



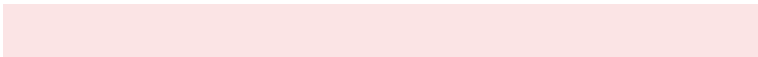
231.3320, -3.6147, -7.3072



230.7100, 3.1010, -14.6547



234.6680, 3.6147, 7.3072



234.9910, -2.9536, 14.0399

Sweetspot

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



231.3320, -3.6147, -7.3072



252.9350, -1.4470, -2.5740



235.1050, -5.9678, 0.7849



126.7610, -0.8682, -1.5444



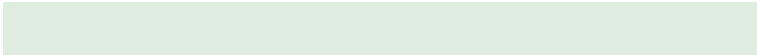
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

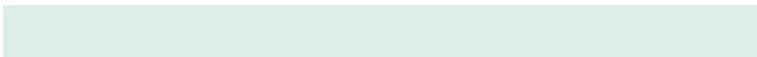
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.3320, -3.6147, -7.3072



247.6800, -4.7722, -9.3664



232.1300, -0.5571, -8.0070



113.3970, -2.1677, -4.7332



107.7290, -46.7014, -94.4783



32.1540, -13.8799, -28.1991

Inverse Universe

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



228.6680, 3.6147, 7.3072



244.3200, 4.7722, 9.3664



227.8700, 0.5571, 8.0070



111.7170, 2.6045, 4.6332



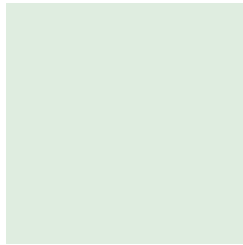
73.2710, 46.7014, 94.4783



21.8460, 13.8799, 28.1991

Previews

White Background



This preview shows how the YUV color 231.3320, -3.6147, -7.3072 looks on a white background.

Color Contrast Check

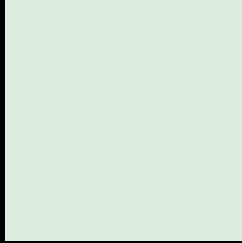
Large Text (above 18pt) WCAG AA × Fail

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 231.3320, -3.6147, -7.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

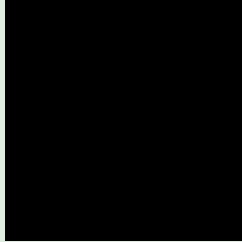
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

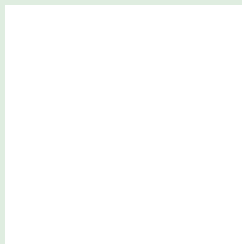
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.3320, -3.6147, -7.3072

Background



This preview shows how black text looks on a background with the YUV color 231.3320, -3.6147, -7.3072.



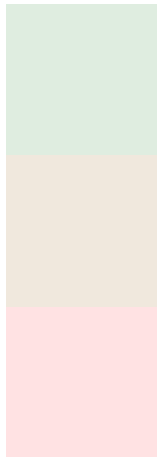
This preview shows how white text looks on a background with the YUV color 231.3320, -3.6147,

-7.3072.

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

231.3320, -3.6147, -7.3072

Protanopia

233.1380, -5.9840, 6.0180

Deuteranopia

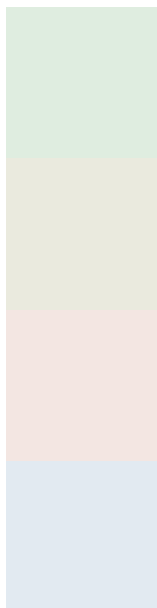
234.7850, -3.8380, 17.7286



Tritanopia

233.2580, 8.7468, -5.4883

Trichromacy



Original Color

231.3320, -3.6147, -7.3072

Protanomaly

232.6320, -5.2416, 1.1997

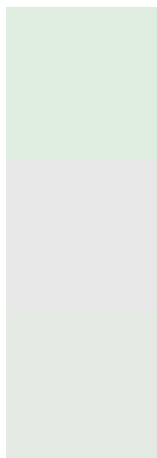
Deuteranomaly

233.4310, -3.6635, 8.3920

Tritanomaly

232.4060, 4.2368, -5.6181

Monochromacy



Original Color

231.3320, -3.6147, -7.3072

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.9350, -1.4470, -2.5740

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.3320, -3.6147, -7.3072 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(223, 237, 224)` looks like.

```
.text, #text, p{  
    color:rgb(223, 237, 224)  
}
```

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(223, 237, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 237, 224) }
```

Border

The CSS property to change the border of an element to YUV 231.3320, -3.6147, -7.3072 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(223, 237, 224) }
```


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

```
.border{ border-color:rgb(223, 237, 224) }
```

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

Here you see how a box with a 4 pixel rgb(223, 237, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 237, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 237, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 237,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 231.3320, -3.6147, -7.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 237, 224) }
```

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

```
.background{ background-color: rgb(223,  
237, 224) }
```

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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