

Converting Colors

YUV(231.6530, -3.7729, -3.2037)

Have a look what the booklet for
YUV(231.6530, -3.7729, -3.2037)
contains.

YUV(231.6530, -3.7729, -3.2037)	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(231.6530, -3.7729,
-3.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	E4EBE0
RGB	228, 235, 224
RGB Percent	89%, 92%, 88%
CMY	0.1059, 0.0784, 0.1216
CMYK	0.03, 0.00, 0.05, 0.08
HSL	98°, 22%, 90%
HSV	98°, 5%, 92%
XYZ	75.1578, 81.2925, 82.2508
YIQ	231.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

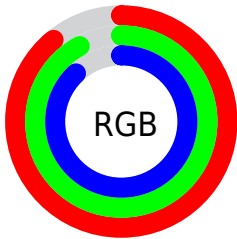
Format	Color
RYB	224, 235, 231
Decimal	15002592
CIELab	92.26, -4.28, 4.51
CIELCh	92, 6.220, 133.521
Yxy	81.2925, 0.3149, 0.3406
Android (android.graphics.Color)	4293192672 (0xFFE4EBE0)
YUV	231.6530, -3.7729, -3.2037
Hunter-Lab	90.1623, -8.9895, 9.0262

Details

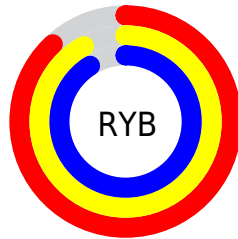
The YUV color **231.6530, -3.7729, -3.2037** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **227.3470, 3.7729, 3.2037**, and the grayscale version is **232.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **176.0660, -3.4835, -2.6889** is the 20% darker color. If you saturate the color by 10%, you get **224.5460, -11.6082, -10.1258**, and if you desaturate by 10%, it is **238.8740, 4.4991, 3.6185**.

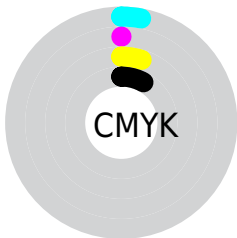
Distribution



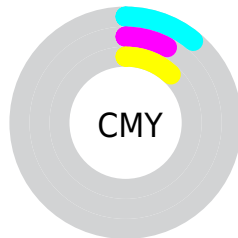
- Red (89%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 231.6530, -3.7729, -3.2037 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 231.6530, -3.7729, -3.2037 by changing the saturation by 10% instead.

■ 231.6530, -3.7729,
-3.2037

■ 231.6530, -3.7729,
-3.2037

255.0000, 0.0000,
0.0000

■ 203.6530, -3.7729,
-3.2037

■ 176.0660, -3.4835,
-2.6889

■ 149.6530, -3.7729,
-3.2037

■ 123.7670, -3.3361,
-3.3037

■ 99.0660, -3.4835,
-2.6889

■ 75.1800, -3.0467,
-2.7889

■ 52.1800, -3.0467,

-2.7889

■ 31.2940, -2.6099,
-2.8888

■ 7.0550, -3.4781,
-4.4332

■ 231.6530, -3.7729,
-3.2037

■ 231.6530, -3.7729,
-3.2037

■ 224.5460,
-11.6082, -10.1258

■ 238.8740, 4.4991,
3.6185

■ 217.3250,
-19.8802, -16.9480

■ 243.2600, 5.7878,
10.2960

■ 210.2180,
-27.7155, -23.8702

■ 202.9970,
-35.9875, -30.6924

■ 195.8900,
-43.8228, -37.6145

■ 188.6690,
-52.0948, -44.4367

■ 181.5620,
-59.9301, -51.3589

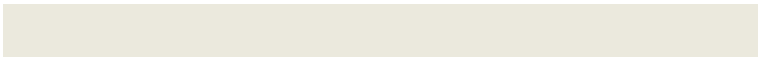
■ 174.3410,
-68.2021, -58.1811

■ 167.2340,
-76.0374, -65.1032

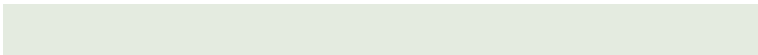
Harmonies

Analogous

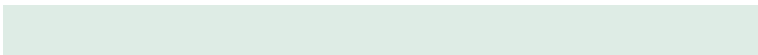
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.2300, -5.5364, 2.4293



231.6530, -3.7729, -3.2037



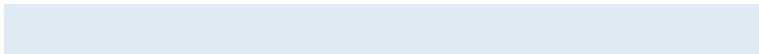
231.0160, -0.9939, -7.9070

Triad

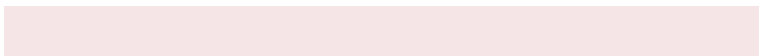
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



231.6530, -3.7729, -3.2037



231.8510, 5.9895, -7.7623



234.1970, -2.0691, 10.3512

Complementary

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



231.6530, -3.7729, -3.2037



227.3470, 3.7729, 3.2037

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.



233.9840, 0.9939, 7.9070



231.6530, -3.7729, -3.2037



232.7700, 5.5364, -2.4293

Square

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



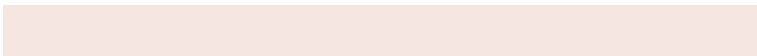
231.6530, -3.7729, -3.2037



231.4870, 4.6899, -10.9511



233.3470, 3.7729, 3.2037



233.9150, -4.3951, 9.7215

Rectangle

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



231.6530, -3.7729, -3.2037



230.5750, 1.1955, -10.1513



233.3470, 3.7729, 3.2037



234.1260, -1.0481, 9.5365

Sweetspot

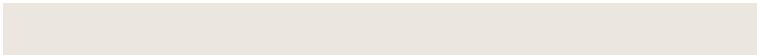
The Sweet Spot groups the original color and five complimentary colors.



231.6530, -3.7729, -3.2037



254.0600, -1.0156, -0.9296



231.3980, -3.6472, 3.1590



127.4730, -0.7262, -0.4148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

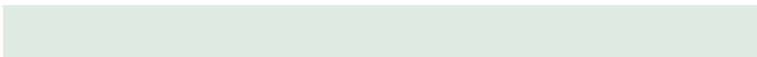
The Same Dimension uses a secret algorithm to generate beautiful new colors.



231.6530, -3.7729, -3.2037



250.3000, -5.0779, -4.6481



230.5710, -2.7465, -5.7628



114.5930, -2.7573, -2.2741



125.9810, -62.1086, -52.6033



37.3790, -18.4278, -16.1184

Inverse Universe

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



227.3470, 3.7729, 3.2037



244.4010, 5.2253, 4.0333



228.4290, 2.7465, 5.7628



111.4070, 2.7573, 2.2741



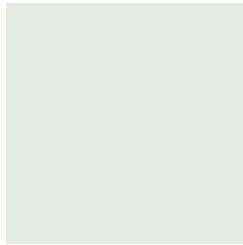
55.0190, 62.1086, 52.6033



16.3220, 18.5753, 15.5036

Previews

White Background



This preview shows how the YUV color 231.6530, -3.7729, -3.2037 looks on a white background.

Color Contrast Check

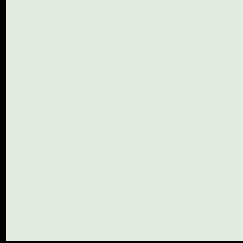
Large Text (above 18pt) WCAG AA × Fail

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 231.6530, -3.7729, -3.2037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

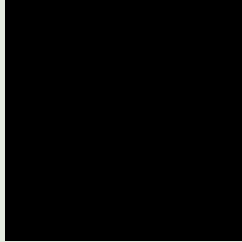
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

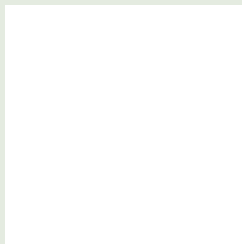
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 231.6530, -3.7729, -3.2037

Background



This preview shows how black text looks on a background with the YUV color 231.6530, -3.7729, -3.2037.



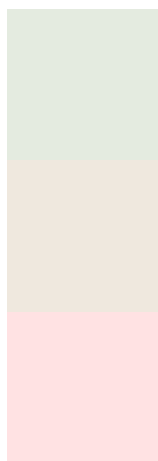
This preview shows how white text looks on a background with the YUV color 231.6530, -3.7729, -3.2037.

-3.2037.

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

231.6530, -3.7729, -3.2037

Protanopia

232.9530, -5.3998, 5.3032

Deuteranopia

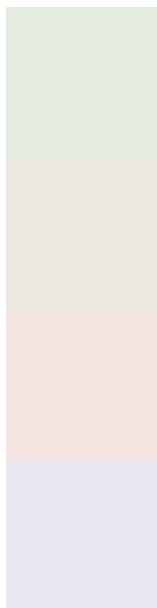
234.7850, -3.8380, 17.7286



Tritanopia

233.3510, 7.7150, -1.1848

Trichromacy



Original Color

231.6530, -3.7729, -3.2037

Protanomaly

232.4580, -4.6628, 2.2293

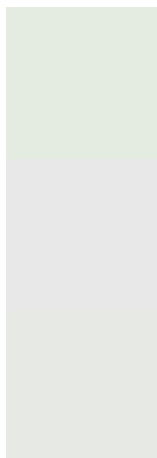
Deuteranomaly

233.4420, -3.6689, 10.1364

Tritanomaly

232.6130, 3.6418, -1.4146

Monochromacy



Original Color

231.6530, -3.7729, -3.2037

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

231.9460, -1.4524, -0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 231.6530, -3.7729, -3.2037 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(228, 235, 224)` looks like.

```
.text, #text, p{  
    color:rgb(228, 235, 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(228, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 235, 224) }
```

Border

The CSS property to change the border of an element to YUV 231.6530, -3.7729, -3.2037 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(228, 235, 224) }
```


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

```
.border{ border-color:rgb(228, 235, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 235, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 235, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 235, 224);  
box-shadow:4px 4px 4px 4px rgb(228, 235,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 231.6530, -3.7729, -3.2037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 235, 224) }
```

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

```
.background{ background-color: rgb(228,  
235, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor