

Converting Colors

YUV(229.3470, 3.7729, 3.2037)

Have a look what the booklet for
YUV(229.3470, 3.7729, 3.2037)
contains.

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Color

**YUV(229.3470, 3.7729,
3.2037)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E2ED
RGB	233, 226, 237
RGB Percent	91%, 89%, 93%
CMY	0.0863, 0.1137, 0.0706
CMYK	0.02, 0.05, 0.00, 0.07
HSL	278°, 23%, 91%
HSV	278°, 5%, 93%
XYZ	76.0867, 77.8308, 91.1334
YIQ	229.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

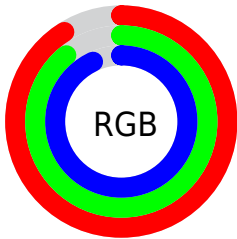
Format	Color
R _Y B	233, 226, 237
Decimal	15327981
CIE Lab	90.70, 4.33, -4.51
CIE LCh	91, 6.256, 313.847
Yxy	77.8308, 0.3105, 0.3176
Android (android.graphics.Color)	4293518061 (0xFFE9E2ED)
YUV	229.3470, 3.7729, 3.2037
Hunter-Lab	88.2218, -0.4411, 0.5084

Details

The YUV color `229.3470, 3.7729, 3.2037` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `233.6530, -3.7729, -3.2037`, and the grayscale version is `229.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `173.9340, 3.4835, 2.6889` is the 20% darker color. If you saturate the color by 10%, you get `212.5680, 12.0450, 10.0259`, and if you desaturate by 10%, it is `246.1260, -4.4991, -3.6185`.

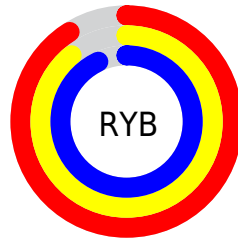
Distribution



Red (91%)

Green (89%)

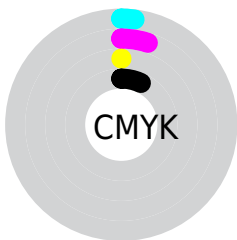
Blue (93%)



Red (91%)

Yellow (89%)

Blue (93%)

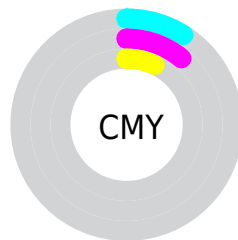


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (11%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.3470, 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 229.3470, 3.7729, 3.2037 by changing the saturation by 10% instead.

■ 229.3470, 3.7729,
3.2037

■ 229.3470, 3.7729,
3.2037

255.0000, 0.0000,
0.0000

■ 201.3470, 3.7729,
3.2037

■ 173.9340, 3.4835,
2.6889

■ 147.2330, 3.3361,
3.3037

■ 121.8200, 3.0467,
2.7889

■ 96.8200, 3.0467,
2.7889

■ 72.8200, 3.0467,
2.7889

■ 50.4070, 2.7573,

2.2741

■ 29.4070, 2.7573,
2.2741

■ 4.1730, 4.3517,
4.2333

■ 229.3470, 3.7729,
3.2037

■ 229.3470, 3.7729,
3.2037

■ 212.5680, 12.0450,
10.0259

■ 246.1260, -4.4991,
-3.6185

■ 196.6750, 19.8802,
16.9480

■ 251.4530, -7.1253,
-1.2743

■ 179.8960, 28.1523,
23.7702

■ 252.9480, -7.8624,
1.7996

■ 163.4160, 36.2769,
31.2072

■ 146.6370, 44.5490,
38.0294

■ 130.4450, 52.5316,
44.3367

■ 113.9650, 60.6563,
51.7737

■ 97.1860, 68.9283,
58.5959

■ 80.9940, 76.9110,
64.9033

Harmonies

Analogous

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



228.7700, 5.5364, -2.4293



229.3470, 3.7729, 3.2037



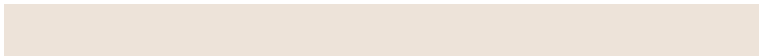
229.9840, 0.9939, 7.9070

Triad

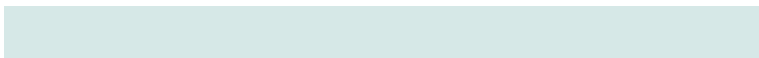
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.3470, 3.7729, 3.2037



228.8500, -5.8420, 7.1476



226.5040, 2.2165, -10.9660

Complementary

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



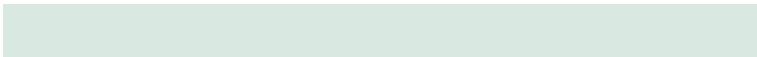
229.3470, 3.7729, 3.2037



233.6530, -3.7729, -3.2037

Split Complementary

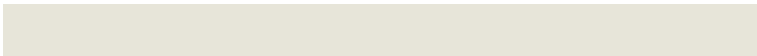
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



226.7170, -0.8465, -8.5218



229.3470, 3.7729, 3.2037



228.2300, -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.



229.3470, 3.7729, 3.2037



229.2140, -4.5425, 10.3363



227.3540, -3.6255, -3.8185



226.7860, 4.5425, -10.3363

Rectangle

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



229.3470, 3.7729, 3.2037



229.5390, -0.7587, 10.0513



227.3540, -3.6255, -3.8185



226.5750, 1.1955, -10.1513

Sweetspot

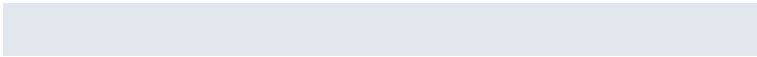
The Sweet Spot groups the original color and five complimentary colors.



229.3470, 3.7729, 3.2037



252.9400, 1.0156, 0.9296



229.6020, 3.6472, -3.1590



126.5270, 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.



229.3470, 3.7729, 3.2037



244.4010, 5.2253, 4.0333



230.4290, 2.7465, 5.7628



111.4070, 2.7573, 2.2741



55.0190, 62.1086, 52.6033



16.3220, 18.5753, 15.5036

Inverse Universe

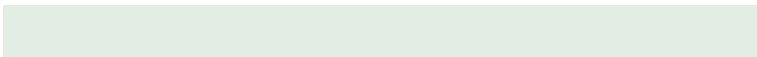
The Inverse Universe completely reimagines the original color for something new.



229.7450, 0.1257, 6.3626



245.0550, -0.0271, 8.7218



232.5710, -2.7465, -5.7628



111.7340, 0.1311, 4.6183



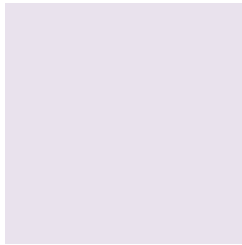
61.6430, 2.1480, 104.6761



18.3120, 0.3392, 31.2984

Previews

White Background



This preview shows how the YUV color 229.3470, 3.7729, 3.2037 looks on a white background.

Color Contrast Check

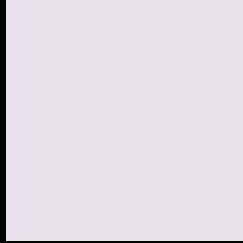
Large Text (above 18pt) WCAG AA × Fail

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 229.3470, 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

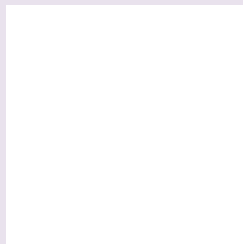
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.3470, 3.7729, 3.2037

Background



This preview shows how black text looks on a background with the YUV color 229.3470, 3.7729, 3.2037.

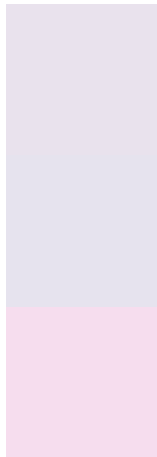


This preview shows how white text looks on a background with the YUV color 229.3470, 3.7729, 3.2037.

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

229.3470, 3.7729, 3.2037

Protanopia

229.1510, 4.3626, 0.7446

Deuteranopia

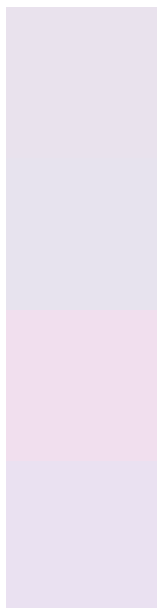
230.4130, 3.7404, 13.6698



Tritanopia

229.7430, 6.5357, 3.7334

Trichromacy



Original Color

229.3470, 3.7729, 3.2037

Protanomaly

229.4500, 4.2152, 1.3594

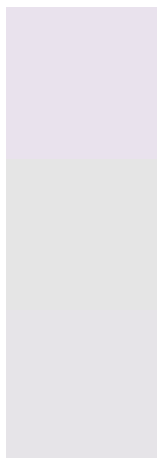
Deuteranomaly

230.0920, 3.8986, 9.5663

Tritanomaly

229.5150, 5.6621, 3.9333

Monochromacy



Original Color

229.3470, 3.7729, 3.2037

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.3470, 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(233, 226, 237)` looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 237)  
}
```

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(233, 226, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 237) }
```

Border

The CSS property to change the border of an element to YUV 229.3470, 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(233, 226, 237) }
```


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

```
.border{ border-color:rgb(233, 226, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 237);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 229.3470, 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(233, 226, 237) }
```

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

```
.background{ background-color: rgb(233,  
226, 237) }
```

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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