

Converting Colors

YUV(233.2220, 3.3416, 1.5593)

Have a look what the booklet for
YUV(233.2220, 3.3416, 1.5593)
contains.

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Color

**YUV(233.2220, 3.3416,
1.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE7F0
RGB	235, 231, 240
RGB Percent	92%, 91%, 94%
CMY	0.0784, 0.0941, 0.0588
CMYK	0.02, 0.04, 0.00, 0.06
HSL	267°, 23%, 92%
HSV	267°, 4%, 94%
XYZ	78.5650, 81.1053, 93.9521
YIQ	233.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

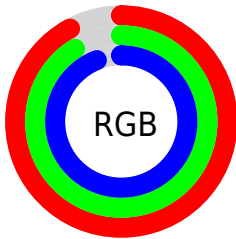
Format	Color
R _Y B	235, 231, 240
Decimal	15460336
CIE Lab	92.18, 2.96, -3.89
CIE LCh	92, 4.888, 307.255
Yxy	81.1053, 0.3098, 0.3198
Android (android.graphics.Color)	4293650416 (0xFFE7E7F0)
YUV	233.2220, 3.3416, 1.5593
Hunter-Lab	90.0585, -1.8828, 1.1875

Details


The YUV color `233.2220, 3.3416, 1.5593` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `237.7780, -3.3416, -1.5593`, 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 `177.2220, 3.3416, 1.5593` is the 20% darker color. If you saturate the color by 10%, you get `215.2470, 12.2032, 5.9224`, and if you desaturate by 10%, it is `251.1970, -5.5201, -2.8038`.

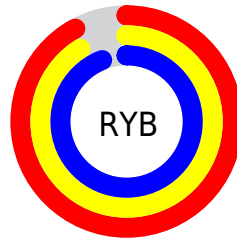
Distribution



 Red (92%)

 Green (91%)

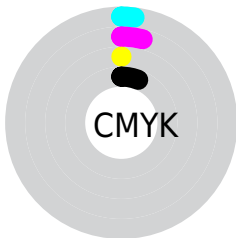
 Blue (94%)



 Red (92%)

 Yellow (91%)

 Blue (94%)

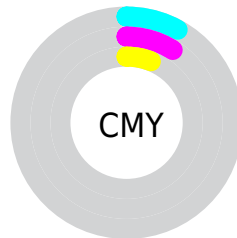



 Cyan (2%)

 Magenta (4%)

 Yellow (0%)

 Black (6%)



 Cyan (8%)

 Magenta (9%)

 Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.2220, 3.3416, 1.5593 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 233.2220, 3.3416, 1.5593 by changing the saturation by 10% instead.

■ 233.2220, 3.3416,
1.5593

■ 233.2220, 3.3416,
1.5593

255.0000, 0.0000,
0.0000

■ 205.2220, 3.3416,
1.5593

■ 177.2220, 3.3416,
1.5593

■ 151.1080, 2.9048,
1.6593

■ 125.1080, 2.9048,
1.6593

■ 100.1080, 2.9048,
1.6593

■ 76.1080, 2.9048,
1.6593

■ 53.6950, 2.6154,

1.1445

■ 32.5810, 2.1786,
1.2445

■ 8.6350, 3.6309,
2.0741

■ 233.2220, 3.3416,
1.5593

■ 233.2220, 3.3416,
1.5593

■ 215.2470, 12.2032,
5.9224

■ 251.1970, -5.5201,
-2.8038

■ 196.9730, 21.2123,
9.6707

■ 253.2900, -6.5520,
1.4997

■ 178.9980, 30.0740,
14.0338

■ 161.0230, 38.9357,
18.3968

■ 142.7490, 47.9447,
22.1451

■ 124.7740, 56.8064,
26.5082

■ 106.7990, 65.6681,
30.8713

■ 88.5250, 74.6772,
34.6196

■ 70.5500, 83.5388,
38.9826

Harmonies

Analogous

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



232.8300, 4.5208, -3.3589



233.2220, 3.3416, 1.5593



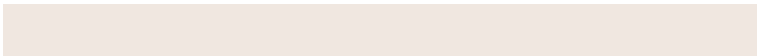
233.6740, 1.1467, 5.5479

Triad

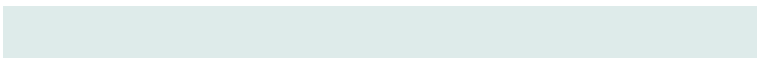
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.2220, 3.3416, 1.5593



232.8930, -4.3842, 6.2328



230.9990, 1.4795, -7.8921

Complementary

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



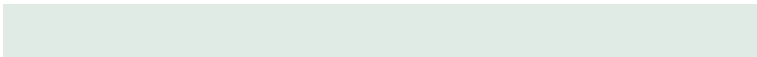
233.2220, 3.3416, 1.5593



237.7780, -3.3416, -1.5593

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.



231.3260, -1.1467, -5.5479



233.2220, 3.3416, 1.5593



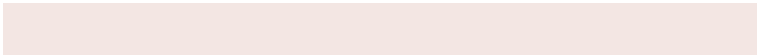
232.4580, -4.6628, 2.2293

Square

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



233.2220, 3.3416, 1.5593



233.5450, -3.2267, 8.2920



231.7780, -3.3416, -1.5593



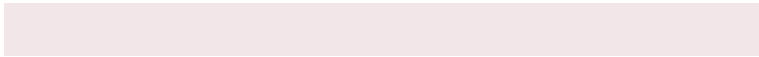
231.4550, 3.2267, -8.2920

Rectangle

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



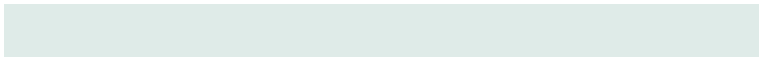
233.2220, 3.3416, 1.5593



233.9300, -0.4585, 7.0774



231.7780, -3.3416, -1.5593



231.0700, 0.4585, -7.0774

Sweetspot

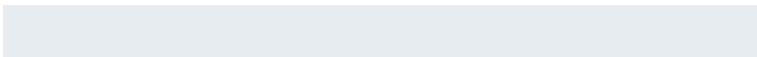
The Sweet Spot groups the original color and five complimentary colors.



233.2220, 3.3416, 1.5593



252.9400, 1.0156, 0.9296



234.9610, 2.4842, -3.4738



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.



233.2220, 3.3416, 1.5593



245.2760, 4.7939, 2.3889



234.4180, 2.7519, 4.0184



114.6950, 2.6154, 1.1445



45.4940, 68.2835, 32.0158



13.8590, 20.7755, 9.7707

Inverse Universe

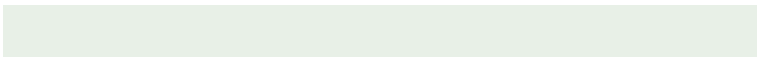
The Inverse Universe completely reimagines the original color for something new.



234.2610, 0.8573, 5.0331



246.6850, 1.1413, 7.2923



236.5820, -2.7519, -4.0184



115.5490, 0.7153, 3.9035



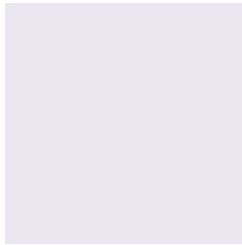
66.6440, 17.4305, 102.9212



20.2780, 5.2859, 31.3282

Previews

White Background



This preview shows how the YUV color 233.2220, 3.3416, 1.5593 looks on a white background.

Color Contrast Check

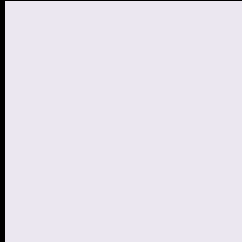
Large Text (above 18pt) WCAG AA × Fail

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 233.2220, 3.3416, 1.5593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

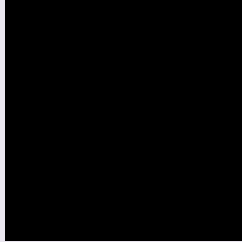
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

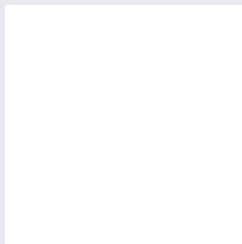
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.2220, 3.3416, 1.5593

Background



This preview shows how black text looks on a background with the YUV color 233.2220, 3.3416, 1.5593.



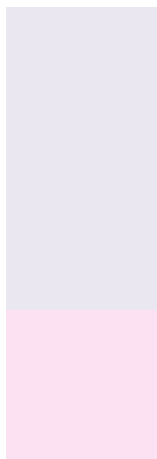
This preview shows how white text looks on a background with the YUV color 233.2220, 3.3416,

1.5593.

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

233.2220, 3.3416, 1.5593

Protanopia

232.9230, 3.4890, 0.9445

Deuteranopia

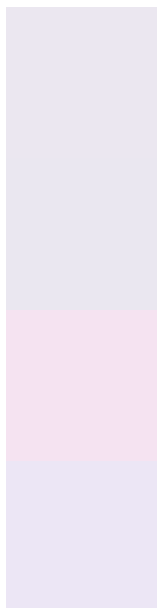
234.5980, 3.1562, 14.3846



Tritanopia

233.8460, 6.9779, 1.8891

Trichromacy



Original Color

233.2220, 3.3416, 1.5593

Protanomaly

232.9230, 3.4890, 0.9445

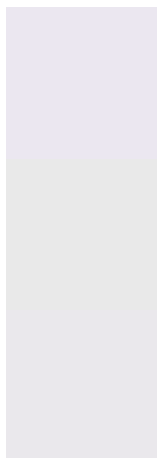
Deuteranomaly

233.9780, 3.4618, 9.6663

Tritanomaly

233.5040, 5.6675, 2.1890

Monochromacy



Original Color

233.2220, 3.3416, 1.5593

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.0540, 1.4524, 0.8296

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2220, 3.3416, 1.5593 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(235, 231, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 231, 240)  
}
```

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(235, 231, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 231, 240) }
```

Border

The CSS property to change the border of an element to YUV 233.2220, 3.3416, 1.5593 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(235, 231, 240) }
```


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

```
.border{ border-color:rgb(235, 231, 240) }
```

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

Here you see how a box with a 4 pixel rgb(235, 231, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 231, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 231, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 231,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 233.2220, 3.3416, 1.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 231, 240) }
```

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

```
.background{ background-color: rgb(235,  
231, 240) }
```

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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