

Converting Colors

YUV(233.2390, 0.8682, 1.5444)

Have a look what the booklet for
YUV(233.2390, 0.8682, 1.5444)
contains.

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Color

**YUV(233.2390, 0.8682,
1.5444)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE8EB
RGB	235, 232, 235
RGB Percent	92%, 91%, 92%
CMY	0.0784, 0.0902, 0.0784
CMYK	0.00, 0.01, 0.00, 0.08
HSL	300°, 7%, 92%
HSV	300°, 1%, 92%
XYZ	78.1130, 81.3736, 90.1869
YIQ	233.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

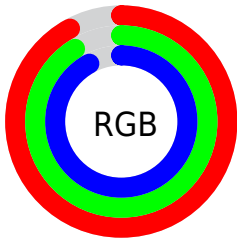
Format	Color
R _Y B	235, 232, 235
Decimal	15460587
CIE Lab	92.30, 1.54, -1.11
CIE LCh	92, 1.899, 324.359
Yxy	81.3736, 0.3129, 0.3259
Android (android.graphics.Color)	4293650667 (0xFFE8E8EB)
YUV	233.2390, 0.8682, 1.5444
Hunter-Lab	90.2073, -3.2947, 3.8685

Details

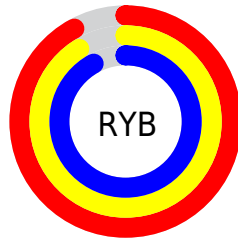
The YUV color `233.2390, 0.8682, 1.5444` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `233.7610, -0.8682, -1.5444`, and the grayscale version is `233.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `177.2390, 0.8682, 1.5444` is the 20% darker color. If you saturate the color by 10%, you get `219.7380, 7.5242, 13.3848`, and if you desaturate by 10%, it is `246.7400, -5.7878, -10.2960`.

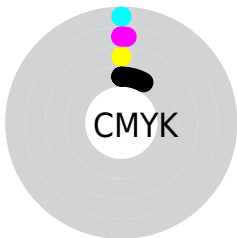
Distribution



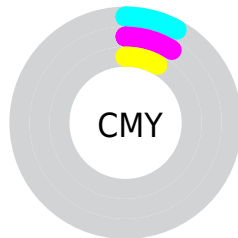
- Red (92%)
- Green (91%)
- Blue (92%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (8%)



- Cyan (8%)
- Magenta (9%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 233.2390, 0.8682, 1.5444 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 233.2390, 0.8682, 1.5444 by changing the saturation by 10% instead.

■ 233.2390, 0.8682,
1.5444

■ 233.2390, 0.8682,
1.5444

255.0000, 0.0000,
0.0000

■ 205.2390, 0.8682,
1.5444

■ 177.2390, 0.8682,
1.5444

■ 151.2390, 0.8682,
1.5444

■ 125.2390, 0.8682,
1.5444

■ 100.2390, 0.8682,
1.5444

■ 76.2390, 0.8682,
1.5444

■ 53.8260, 0.5788,

1.0296

■ 32.2390, 0.8682,
1.5444

■ 8.6520, 1.1576,
2.0592

■ 233.2390, 0.8682,
1.5444

■ 233.2390, 0.8682,
1.5444

■ 219.7380, 7.5242,
13.3848

■ 246.7400, -5.7878,
-10.2960

■ 205.6500, 14.4695,
25.7399

■ 192.1490, 21.1255,
37.5803

■ 178.0610, 28.0709,
49.9355

■ 164.5600, 34.7269,
61.7759

■ 150.4720, 41.6723,
74.1311

■ 136.9710, 48.3283,
85.9714

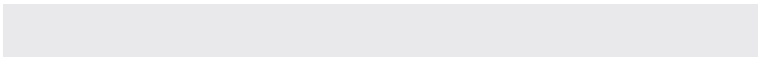
■ 122.8830, 55.2737,
98.3266

■ 109.3820, 61.9297,
110.1670

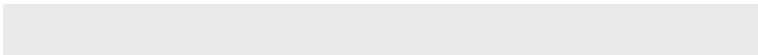
Harmonies

Analogous

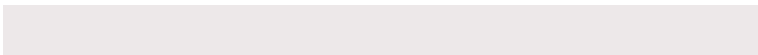
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.3420, 1.3104, -0.2999



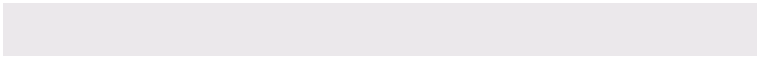
233.2390, 0.8682, 1.5444



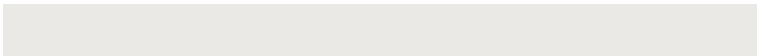
233.6090, -0.3002, 2.9739

Triad

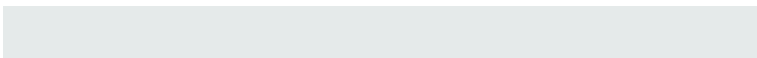
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.2390, 0.8682, 1.5444



233.1420, -2.0420, 1.6295



232.5050, 0.7370, -3.0739

Complementary

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



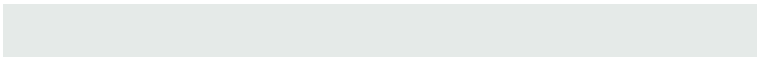
233.2390, 0.8682, 1.5444



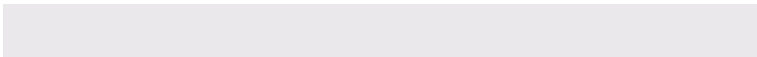
233.7610, -0.8682, -1.5444

Split Complementary

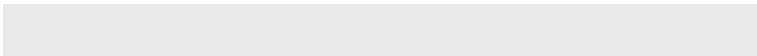
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



232.2770, -0.1366, -2.8739



233.2390, 0.8682, 1.5444



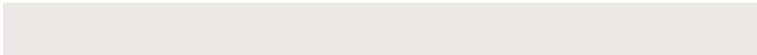
232.6580, -1.3104, 0.2999

Square

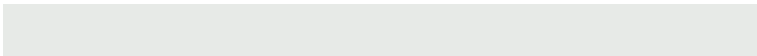
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.2390, 0.8682, 1.5444



232.9680, -1.4632, 2.6591



232.7610, -0.8682, -1.5444



232.7330, 1.6106, -3.2738

Rectangle

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



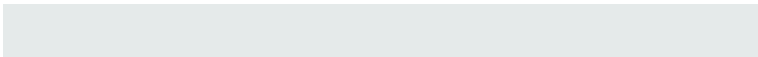
233.2390, 0.8682, 1.5444



233.4950, -0.7370, 3.0739



232.7610, -0.8682, -1.5444



232.5050, 0.7370, -3.0739

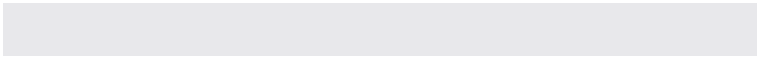
Sweetspot

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



233.2390, 0.8682, 1.5444

255.0000, 0.0000, 0.0000



232.3420, 1.3104, -0.2999



128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

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



233.2390, 0.8682, 1.5444



252.0650, 1.4470, 2.5740



233.1250, 0.4314, 1.6444



115.8260, 0.5788, 1.0296



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Inverse Universe

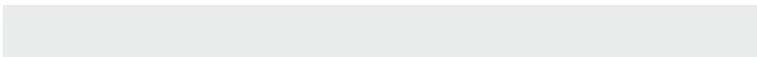
The Inverse Universe completely reimagines the original color for something new.



233.2390, 0.8682, 1.5444



252.0650, 1.4470, 2.5740



233.9890, 0.0054, -1.7444



115.8260, 0.5788, 1.0296



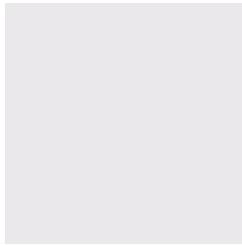
74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 233.2390, 0.8682, 1.5444 looks on a white background.

Color Contrast Check

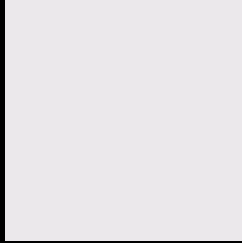
Large Text (above 18pt) WCAG AA × Fail

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 233.2390, 0.8682, 1.5444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

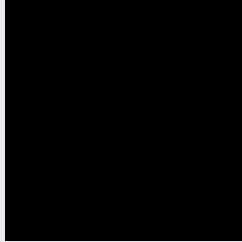
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

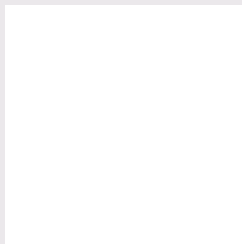
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.2390, 0.8682, 1.5444

Background



This preview shows how black text looks on a background with the YUV color 233.2390, 0.8682, 1.5444.



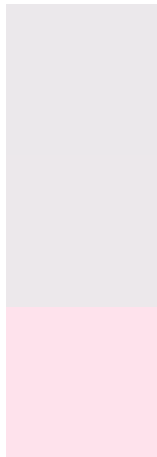
This preview shows how white text looks on a background with the YUV color 233.2390, 0.8682,

1.5444.

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

233.2390, 0.8682, 1.5444

Protanopia

233.5380, 0.7208, 2.1592

Deuteranopia

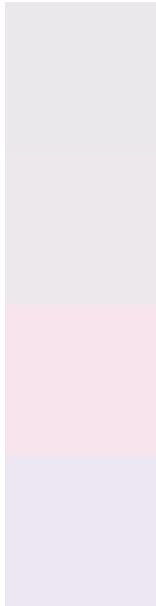
235.5120, 0.2406, 16.2140



Tritanopia

234.1450, 6.8305, 2.5038

Trichromacy



Original Color

233.2390, 0.8682, 1.5444

Protanomaly

233.5380, 0.7208, 2.1592

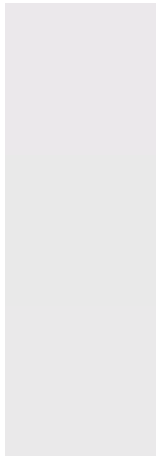
Deuteranomaly

234.5930, 0.6937, 10.8809

Tritanomaly

233.8630, 4.5045, 1.8741

Monochromacy



Original Color

233.2390, 0.8682, 1.5444

Achromatopsia

233.0000, 0.0000, 0.0000

Achromatomaly

233.4130, 0.2894, 0.5148

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.2390, 0.8682, 1.5444 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, 232, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 232, 235)  
}
```

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, 232, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 232, 235) }
```

Border

The CSS property to change the border of an element to YUV 233.2390, 0.8682, 1.5444 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, 232, 235) }
```

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

```
.border{ border-color:rgb(235, 232, 235) }
```

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

Here you see how a box with a 4 pixel rgb(235, 232, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 232, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 232, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 232,  
235) }
```


Background

The CSS property to change the background color of an element to YUV 233.2390, 0.8682, 1.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 232, 235) }
```

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

```
.background{ background-color: rgb(235,  
232, 235) }
```

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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