

Converting Colors

YUV(232.4350, 0.2785, 4.0035)

Have a look what the booklet for
YUV(232.4350, 0.2785, 4.0035)
contains.

YUV(232.4350, 0.2785, 4.0035)	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(232.4350, 0.2785,
4.0035)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE6E9
RGB	237, 230, 233
RGB Percent	93%, 90%, 91%
CMY	0.0706, 0.0980, 0.0863
CMYK	0.00, 0.03, 0.02, 0.07
HSL	334°, 16%, 92%
HSV	334°, 3%, 93%
XYZ	77.9298, 80.4813, 88.5179
YIQ	232.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

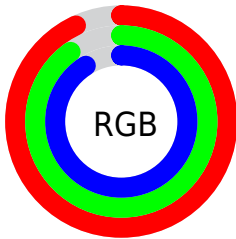
Format	Color
R _{YB}	237, 230, 233
Decimal	15591145
CIE Lab	91.90, 2.89, -0.63
CIE LCh	92, 2.957, 347.780
Yxy	80.4813, 0.3156, 0.3259
Android (android.graphics.Color)	4293781225 (0xFFE6E9)
YUV	232.4350, 0.2785, 4.0035
Hunter-Lab	89.7114, -1.9369, 4.2968

Details

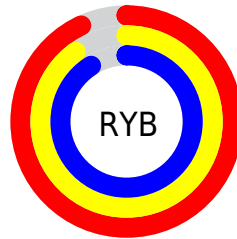
The YUV color $232.4350, 0.2785, 4.0035$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.5650, -0.2785, -4.0035$, and the grayscale version is $232.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $177.0220, -0.0108, 3.4887$ is the 20% darker color. If you saturate the color by 10%, you get $216.7510, 1.1088, 17.7584$, and if you desaturate by 10%, it is $248.1190, -0.5517, -9.7514$.

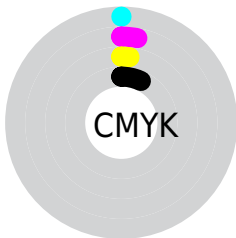
Distribution



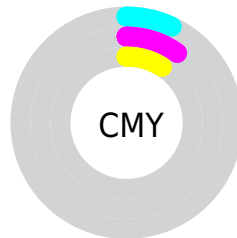
- Red (93%)
- Green (90%)
- Blue (91%)



- Red (93%)
- Yellow (90%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 232.4350, 0.2785, 4.0035 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 232.4350, 0.2785, 4.0035 by changing the saturation by 10% instead.

232.4350, 0.2785,
4.0035

232.4350, 0.2785,
4.0035

255.0000, 0.0000,
0.0000

204.4350, 0.2785,
4.0035

177.0220, -0.0108,
3.4887

150.1360, 0.4260,
3.3887

124.1360, 0.4260,
3.3887

99.1360, 0.4260,
3.3887

75.7230, 0.1366,
2.8739

52.7230, 0.1366,

2.8739

■ 31.7230, 0.1366,
2.8739

■ 7.8480, 0.5679,
4.5183

■ 232.4350, 0.2785,
4.0035

■ 232.4350, 0.2785,
4.0035

■ 216.7510, 1.1088,
17.7584

■ 248.1190, -0.5517,
-9.7514

■ 201.7680, 2.0864,
30.8985

■ 249.6180, 2.6533,
-11.0660

■ 186.0840, 2.9166,
44.6533

■ 170.5140, 4.1836,
58.3082

■ 154.8300, 5.0138,
72.0631

■ 139.8470, 5.9914,
85.2032

■ 124.1630, 6.8216,
98.9580

■ 108.5930, 8.0887,
112.6129

■ 93.4960, 8.6295,
125.8530

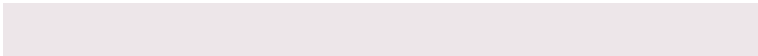
Harmonies

Analogous

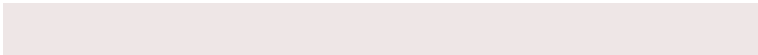
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.4670, 1.7418, 1.3444



232.4350, 0.2785, 4.0035



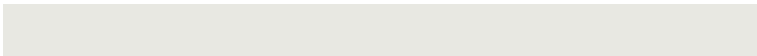
232.3920, -1.1793, 4.9182

Triad

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



232.4350, 0.2785, 4.0035



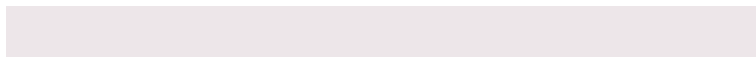
231.3160, -2.6208, 0.5999



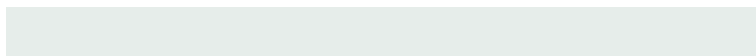
231.2490, 2.3422, -4.6034

Complementary

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



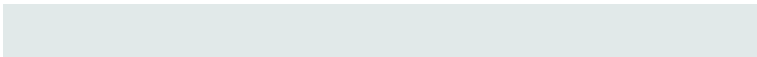
232.4350, 0.2785, 4.0035



234.5650, -0.2785, -4.0035

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.



230.6080, 1.1793, -4.9182



232.4350, 0.2785, 4.0035



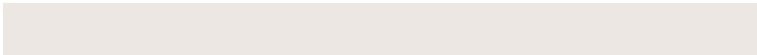
231.2340, -1.5944, -1.9592

Square

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



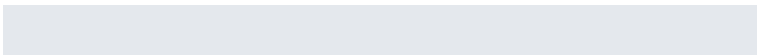
232.4350, 0.2785, 4.0035



231.9250, -2.9210, 3.5738



230.5650, -0.2785, -4.0035



231.3740, 2.7736, -2.9590

Rectangle

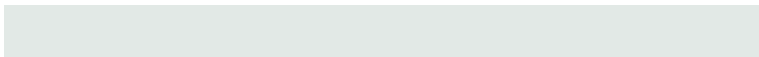
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



232.4350, 0.2785, 4.0035



232.1640, -2.0529, 5.1182



230.5650, -0.2785, -4.0035



230.8360, 2.0529, -5.1182

Sweetspot

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



232.4350, 0.2785, 4.0035



253.1250, 0.4314, 1.6444



231.9940, 2.4680, 1.7593



126.7120, 0.1420, 1.1296



0.0000, 0.0000, 0.0000



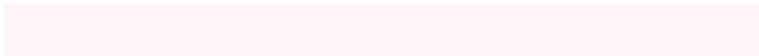
128.0000, 0.0000, 0.0000

Same Dimension

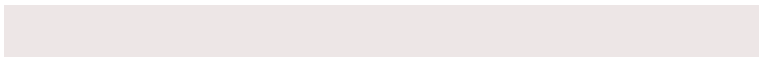
The Same Dimension uses a secret algorithm to generate beautiful new colors.



232.4350, 0.2785, 4.0035



248.4460, 0.2731, 5.7479



232.0930, -1.0318, 4.3034



113.1360, 0.4260, 3.3887



63.0110, 7.3896, 103.4764



18.7680, 2.0864, 30.8985

Inverse Universe

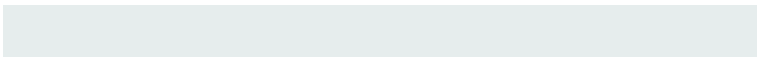
The Inverse Universe completely reimagines the original color for something new.



232.4350, 0.2785, 4.0035



248.4460, 0.2731, 5.7479



234.9070, 1.0318, -4.3034



113.1360, 0.4260, 3.3887



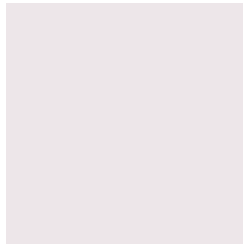
63.0110, 7.3896, 103.4764



18.7680, 2.0864, 30.8985

Previews

White Background



This preview shows how the YUV color 232.4350, 0.2785, 4.0035 looks on a white background.

Color Contrast Check

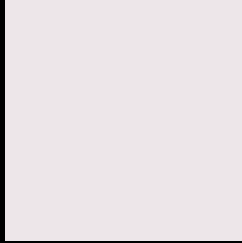
Large Text (above 18pt) WCAG AA × Fail

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 232.4350, 0.2785, 4.0035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

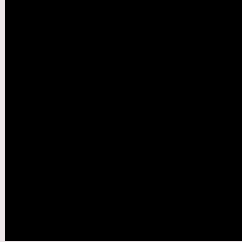
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

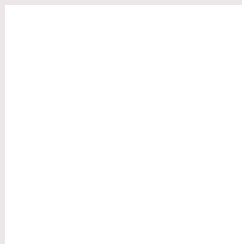
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 232.4350, 0.2785, 4.0035

Background



This preview shows how black text looks on a background with the YUV color 232.4350, 0.2785, 4.0035.



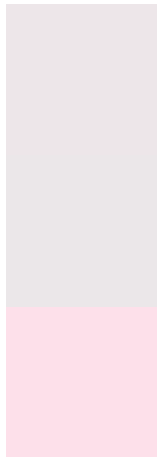
This preview shows how white text looks on a background with the YUV color 232.4350, 0.2785,

4.0035.

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

232.4350, 0.2785, 4.0035

Protanopia

232.4240, 0.2840, 2.2592

Deuteranopia

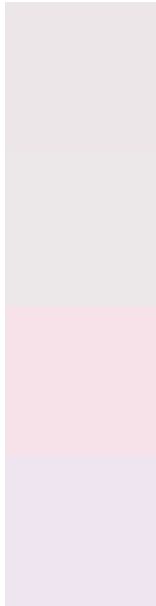
233.8110, 0.0932, 16.8288



Tritanopia

233.3410, 6.2409, 4.9629

Trichromacy



Original Color

232.4350, 0.2785, 4.0035

Protanomaly

232.7230, 0.1366, 2.8739

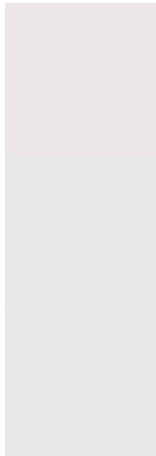
Deuteranomaly

233.1910, 0.3988, 12.1105

Tritanomaly

233.0590, 3.9149, 4.3333

Monochromacy



Original Color

232.4350, 0.2785, 4.0035

Achromatopsia

232.0000, 0.0000, 0.0000

Achromatomaly

232.0110, -0.0054, 1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 232.4350, 0.2785, 4.0035 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(237, 230, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 230, 233)  
}
```

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(237, 230, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 230, 233) }
```

Border

The CSS property to change the border of an element to YUV 232.4350, 0.2785, 4.0035 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(237, 230, 233) }
```


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

```
.border{ border-color:rgb(237, 230, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 230, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 230,  
233) }
```

Background

The CSS property to change the background color of an element to YUV 232.4350, 0.2785, 4.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 230, 233) }
```

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

```
.background{ background-color: rgb(237,  
230, 233) }
```

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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