

Converting Colors

YUV(233.7500, -0.8627, -3.2887)

Have a look what the booklet for
YUV(233.7500, -0.8627, -3.2887)
contains.

YUV(233.7500, -0.8627, -3.2887)	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(233.7500, -0.8627,
-3.2887)**

Conversions

Conversions Part 1

Format	Color
Hex	E6ECE8
RGB	230, 236, 232
RGB Percent	90%, 93%, 91%
CMY	0.0980, 0.0745, 0.0902
CMYK	0.03, 0.00, 0.02, 0.07
HSL	140°, 14%, 91%
HSV	140°, 3%, 93%
XYZ	77.1941, 82.6401, 88.2265
YIQ	233.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

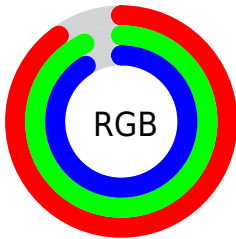
Format	Color
R _Y B	230, 235, 236
Decimal	15133928
CIE Lab	92.86, -2.71, 1.23
CIE LCh	93, 2.975, 155.621
Yxy	82.6401, 0.3112, 0.3331
Android (android.graphics.Color)	4293324008 (0xFFE6ECE8)
YUV	233.7500, -0.8627, -3.2887
Hunter-Lab	90.9066, -7.5118, 6.0926

Details

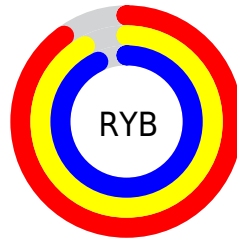
The YUV color $233.7500, -0.8627, -3.2887$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.2500, 0.8628, 3.2887$, and the grayscale version is $234.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $178.0490, -1.0102, -2.6740$ is the 20% darker color. If you saturate the color by 10%, you get $224.7500, -4.3137, -16.4437$, and if you desaturate by 10%, it is $242.7500, 2.5883, 9.8663$.

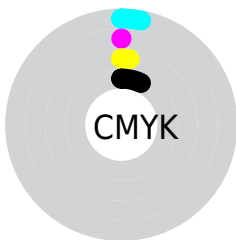
Distribution



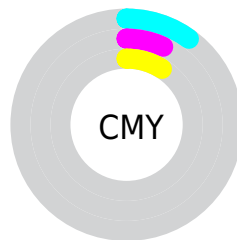
- Red (90%)
- Green (93%)
- Blue (91%)



- Red (90%)
- Yellow (92%)
- Blue (93%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 233.7500, -0.8627, -3.2887 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 233.7500, -0.8627, -3.2887 by changing the saturation by 10% instead.

■ 233.7500, -0.8627,
-3.2887

■ 233.7500, -0.8627,
-3.2887

255.0000, 0.0000,
0.0000

■ 205.7500, -0.8627,
-3.2887

■ 178.0490, -1.0102,
-2.6740

■ 151.1630, -0.5734,
-2.7740

■ 125.7500, -0.8628,
-3.2887

■ 100.1630, -0.5734,
-2.7740

■ 77.0490, -1.0102,
-2.6740

■ 54.1630, -0.5734,

-2.7740

■ 32.4620, -0.7208,
-2.1592

■ 9.3370, -1.1521,
-3.8035

■ 233.7500, -0.8627,
-3.2887

■ 233.7500, -0.8627,
-3.2887

■ 224.7500, -4.3137,
-16.4437

■ 242.7500, 2.5883,
9.8663

■ 216.1630, -7.4754,
-29.0840

■ 243.8470, 5.4984,
9.7812

■ 207.1630,
-10.9264, -42.2390

■ 198.4620,
-14.5248, -54.7792

■ 189.4620,
-17.9758, -67.9342

■ 180.5760,
-20.9900, -81.1892

■ 171.8750,
-24.5884, -93.7294

■ 162.8750,
-28.0394, -106.8844

■ 154.1740,
-31.6378, -119.4246

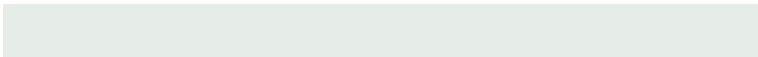
Harmonies

Analogous

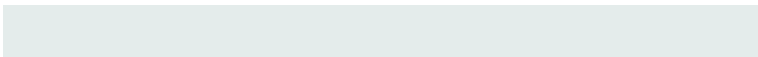
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.8320, -1.8892, -0.7297



233.7500, -0.8627, -3.2887



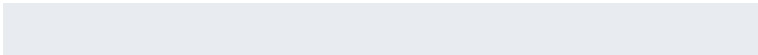
233.4940, 0.7425, -4.8182

Triad

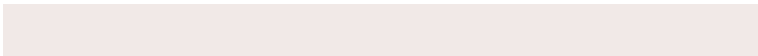
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.7500, -0.8627, -3.2887



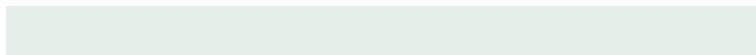
234.6730, 2.6262, -2.3442



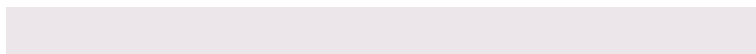
235.1640, -2.0529, 5.1182

Complementary

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



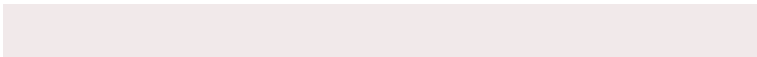
233.7500, -0.8627, -3.2887



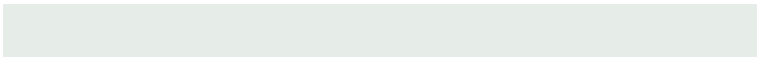
232.2500, 0.8628, 3.2887

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.



235.5060, -0.7425, 4.8182



233.7500, -0.8627, -3.2887



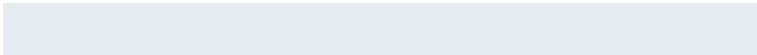
235.1680, 1.8892, 0.7297

Square

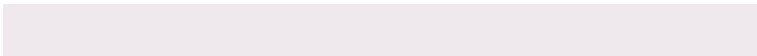
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



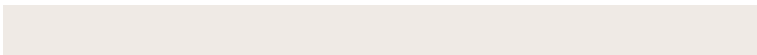
233.7500, -0.8627, -3.2887



233.7760, 3.0684, -4.1886



235.2500, 0.8628, 3.2888



234.9250, -2.9210, 3.5738

Rectangle

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



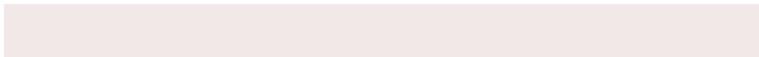
233.7500, -0.8627, -3.2887



233.7220, 1.6161, -5.0182



235.2500, 0.8628, 3.2888



235.2780, -1.6161, 5.0182

Sweetspot

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



233.7500, -0.8627, -3.2887



253.8750, -0.4314, -1.6444



234.7180, -2.3260, -0.6297



127.2880, -0.1420, -1.1296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

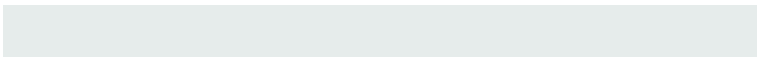
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.7500, -0.8627, -3.2887



252.0380, -1.0047, -4.4183



234.0920, 0.4476, -3.5887



115.4620, -0.7208, -2.1592



113.0870, -26.1719, -99.1773



33.7500, -7.7648, -29.5987

Inverse Universe

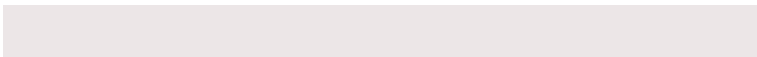
The Inverse Universe completely reimagines the original color for something new.



232.2500, 0.8628, 3.2887



249.9620, 1.0047, 4.4183



231.9080, -0.4476, 3.5887



114.5380, 0.7208, 2.1592



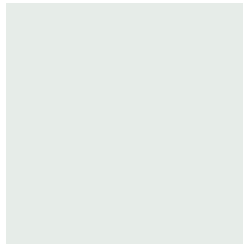
67.9130, 26.1719, 99.1773



20.2500, 7.7648, 29.5987

Previews

White Background



This preview shows how the YUV color 233.7500, -0.8627, -3.2887 looks on a white background.

Color Contrast Check

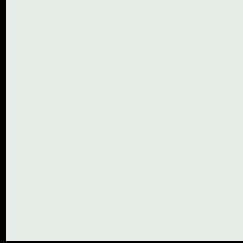
Large Text (above 18pt) WCAG AA × Fail

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 233.7500, -0.8627, -3.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

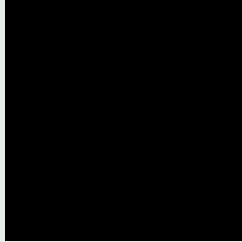
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

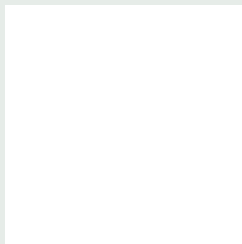
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 233.7500, -0.8627, -3.2887

Background



This preview shows how black text looks on a background with the YUV color 233.7500, -0.8627, -3.2887.



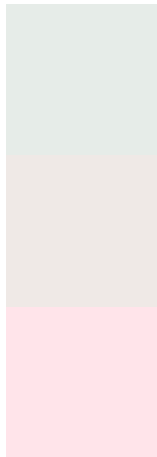
This preview shows how white text looks on a background with the YUV color 233.7500, -0.8627, -3.2887.

-3.2887.

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

233.7500, -0.8627, -3.2887

Protanopia

234.4520, -2.1948, 3.9886

Deuteranopia

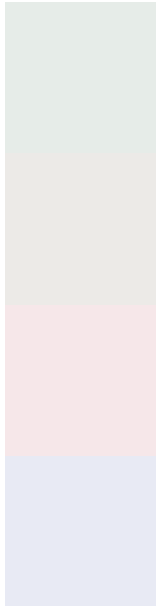
236.7570, -1.3592, 15.9991



Tritanopia

235.0520, 7.8624, -1.7996

Trichromacy



Original Color

233.7500, -0.8627, -3.2887

Protanomaly

234.2560, -1.6052, 1.5295

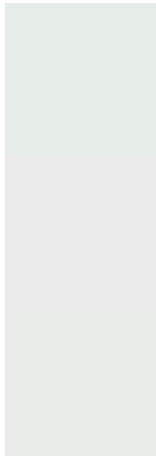
Deuteranomaly

235.7130, -1.3375, 9.0217

Tritanomaly

234.5420, 4.6628, -2.2293

Monochromacy



Original Color

233.7500, -0.8627, -3.2887

Achromatopsia

234.0000, 0.0000, 0.0000

Achromatomaly

234.1740, -0.5788, -1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 233.7500, -0.8627, -3.2887 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(230, 236, 232)` looks like.

```
.text, #text, p{  
    color:rgb(230, 236, 232)  
}
```

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(230, 236, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 236, 232) }
```

Border

The CSS property to change the border of an element to YUV 233.7500, -0.8627, -3.2887 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(230, 236, 232) }
```


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

```
.border{ border-color:rgb(230, 236, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 236, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 236, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 236, 232);  
box-shadow:4px 4px 4px 4px rgb(230, 236,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 233.7500, -0.8627, -3.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 236, 232) }
```

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

```
.background{ background-color: rgb(230,  
236, 232) }
```

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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