

Converting Colors

YUV(230.8320, -1.8892, -0.7297)

Have a look what the booklet for
YUV(230.8320, -1.8892, -0.7297)
contains.

YUV(230.8320, -1.8892, -0.7297)	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(230.8320, -1.8892,
-0.7297)**

Conversions

Conversions Part 1

Format	Color
Hex	E6E8E3
RGB	230, 232, 227
RGB Percent	90%, 91%, 89%
CMY	0.0980, 0.0902, 0.1098
CMYK	0.01, 0.00, 0.02, 0.09
HSL	84°, 10%, 90%
HSV	84°, 2%, 91%
XYZ	75.3549, 80.0823, 84.1588
YIQ	230.8320, 0.4130, -1.9790

Conversions

Conversions Part 2

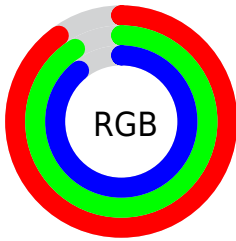
Format	Color
R_{YB}	227, 232, 229
Decimal	15132899
CIE _{Lab}	91.72, -1.55, 2.18
CIE _{LCh}	92, 2.678, 125.432
Yxy	80.0823, 0.3145, 0.3342
Android (android.graphics.Color)	4293322979 (0xFFE6E8E3)
YUV	230.8320, -1.8892, -0.7297
Hunter-Lab	89.4887, -6.2975, 6.8833

Details

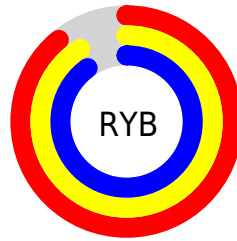
The YUV color $230.8320, -1.8892, -0.7297$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $228.1680, 1.8892, 0.7297$, and the grayscale version is $231.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $175.2450, -1.5998, -0.2149$ is the 20% darker color. If you saturate the color by 10%, you get $225.5190, -10.6089, -3.9632$, and if you desaturate by 10%, it is $236.1450, 6.8305, 2.5038$.

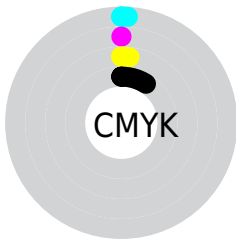
Distribution



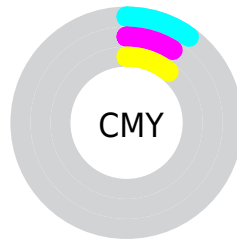
- Red (90%)
- Green (91%)
- Blue (89%)



- Red (89%)
- Yellow (91%)
- Blue (90%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (10%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.8320, -1.8892, -0.7297 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 230.8320, -1.8892, -0.7297 by changing the saturation by 10% instead.

■ 230.8320, -1.8892,
-0.7297

■ 230.8320, -1.8892,
-0.7297

255.0000, 0.0000,
0.0000

■ 202.8320, -1.8892,
-0.7297

■ 175.2450, -1.5998,
-0.2149

■ 148.8320, -1.8892,
-0.7297

■ 122.9460, -1.4524,
-0.8296

■ 97.9460, -1.4524,
-0.8296

■ 74.2450, -1.5998,
-0.2149

■ 51.9460, -1.4524,

-0.8296

■ 30.3590, -1.1630,
-0.3148

■ 5.7180, -2.3260,
-0.6297

■ 230.8320, -1.8892,
-0.7297

■ 230.8320, -1.8892,
-0.7297

■ 225.5190,
-10.6089, -3.9632

■ 236.1450, 6.8305,
2.5038

■ 219.9070,
-19.1812, -7.8114

■ 239.7050, 7.5404,
8.1517

■ 214.4800,
-28.3376, -10.9450

■ 241.4990, 6.6560,
11.8404

■ 209.1670,
-37.0573, -14.1785

■ 203.8540,
-45.7770, -17.4120

■ 198.2420,
-54.3493, -21.2602

■ 192.9290,
-63.0690, -24.4937

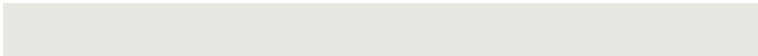
■ 187.5020,
-72.2255, -27.6273

■ 181.8900,
-80.7978, -31.4755

Harmonies

Analogous

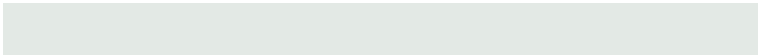
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.0280, -2.4788, 1.7294



230.8320, -1.8892, -0.7297



230.7500, -0.8627, -3.2887

Triad

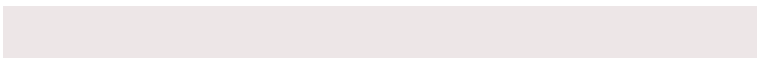
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.8320, -1.8892, -0.7297



230.9610, 2.4842, -3.4738



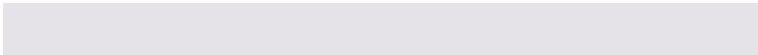
232.2070, -0.5951, 4.2035

Complementary

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



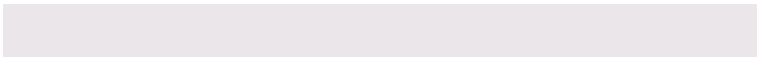
230.8320, -1.8892, -0.7297



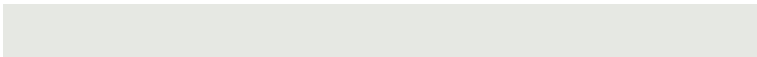
228.1680, 1.8892, 0.7297

Split Complementary

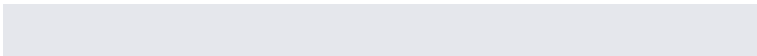
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.8370, 0.5734, 2.7740



230.8320, -1.8892, -0.7297



230.9720, 2.4788, -1.7294

Square

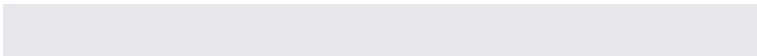
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



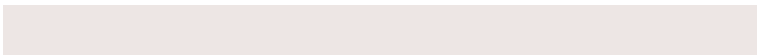
230.8320, -1.8892, -0.7297



230.7220, 1.6161, -5.0182



231.1680, 1.8892, 0.7297



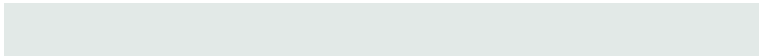
231.8650, -1.9054, 4.5034

Rectangle

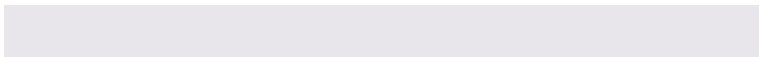
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



230.8320, -1.8892, -0.7297



230.6790, 0.1583, -4.1035



231.1680, 1.8892, 0.7297



232.0220, -0.0108, 3.4887

Sweetspot

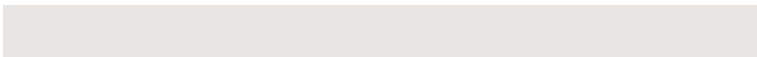
The Sweet Spot groups the original color and five complimentary colors.



230.8320, -1.8892, -0.7297



254.3590, -1.1630, -0.3148



229.6690, -1.3158, 2.0443



127.4730, -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.



230.8320, -1.8892, -0.7297



253.1910, -3.0522, -1.0445



230.2340, -1.5944, -1.9592



113.8320, -1.8892, -0.7297



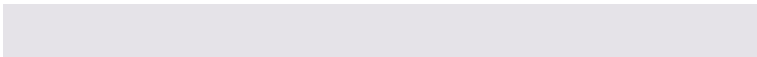
137.0660, -67.5735, -26.3679



39.2060, -19.3286, -7.1967

Inverse Universe

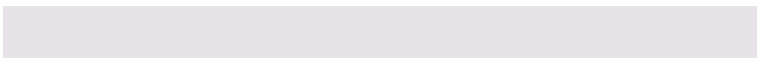
The Inverse Universe completely reimagines the original color for something new.



228.1680, 1.8892, 0.7297



248.8090, 3.0522, 1.0445



228.7660, 1.5944, 1.9592



111.1680, 1.8892, 0.7297



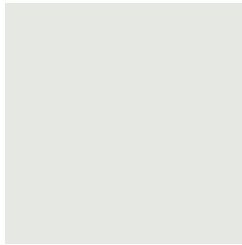
41.6350, 67.7209, 25.7531



11.7940, 19.3286, 7.1967

Previews

White Background



This preview shows how the YUV color 230.8320, -1.8892, -0.7297 looks on a white background.

Color Contrast Check

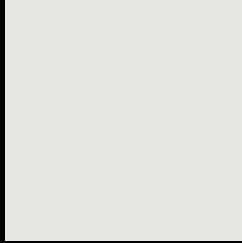
Large Text (above 18pt) WCAG AA × Fail

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 230.8320, -1.8892, -0.7297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

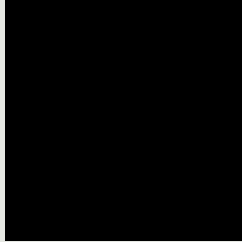
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

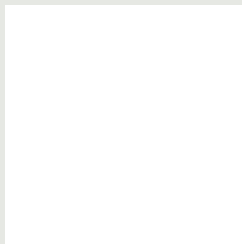
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 230.8320, -1.8892, -0.7297

Background



This preview shows how black text looks on a background with the YUV color 230.8320, -1.8892, -0.7297.



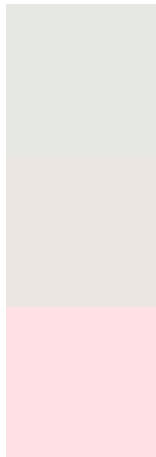
This preview shows how white text looks on a background with the YUV color 230.8320, -1.8892, -0.7297.

-0.7297.

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

230.8320, -1.8892, -0.7297

Protanopia

231.3380, -2.6316, 4.0886

Deuteranopia

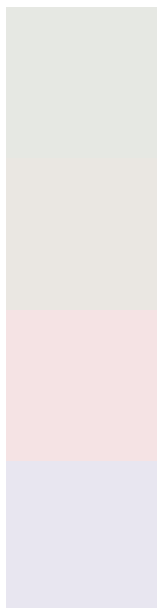
233.5400, -2.2382, 17.9434



Tritanopia

232.2480, 7.2727, 0.6595

Trichromacy



Original Color

230.8320, -1.8892, -0.7297

Protanomaly

231.3270, -2.6262, 2.3442

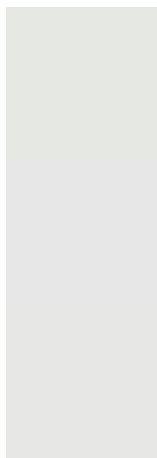
Deuteranomaly

232.4960, -2.2165, 10.9660

Tritanomaly

231.7380, 4.0732, 0.2298

Monochromacy



Original Color

230.8320, -1.8892, -0.7297

Achromatopsia

231.0000, 0.0000, 0.0000

Achromatomaly

230.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.8320, -1.8892, -0.7297 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, 232, 227)` looks like.

```
.text, #text, p{  
    color:rgb(230, 232, 227)  
}
```

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, 232, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 232, 227) }
```

Border

The CSS property to change the border of an element to YUV 230.8320, -1.8892, -0.7297 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, 232, 227) }
```


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

```
.border{ border-color:rgb(230, 232, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 232, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 232, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 232, 227);  
box-shadow:4px 4px 4px 4px rgb(230, 232,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 230.8320, -1.8892, -0.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 232, 227) }
```

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

```
.background{ background-color: rgb(230,  
232, 227) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor