

Converting Colors

YUV(230.0280, -2.4788, 1.7294)

Have a look what the booklet for
YUV(230.0280, -2.4788, 1.7294)
contains.

YUV(230.0280, -2.4788, 1.7294)	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(230.0280, -2.4788,
1.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E6E1
RGB	232, 230, 225
RGB Percent	91%, 90%, 88%
CMY	0.0902, 0.0980, 0.1176
CMYK	0.00, 0.01, 0.03, 0.09
HSL	43°, 13%, 90%
HSV	43°, 3%, 91%
XYZ	75.1661, 79.1857, 82.5568
YIQ	230.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

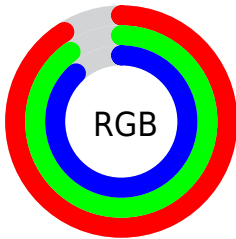
Format	Color
R _Y B	228, 232, 225
Decimal	15263457
CIE Lab	91.32, -0.20, 2.66
CIE LCh	91, 2.666, 94.298
Yxy	79.1857, 0.3173, 0.3342
Android (android.graphics.Color)	4293453537 (0xFFE8E6E1)
YUV	230.0280, -2.4788, 1.7294
Hunter-Lab	88.9863, -4.9484, 7.2843

Details

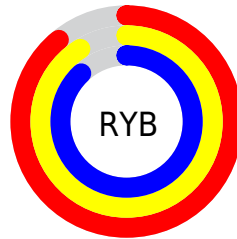
The YUV color $230.0280, -2.4788, 1.7294$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $226.9720, 2.4788, -1.7294$, and the grayscale version is $230.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.7290, -2.3314, 1.1147$ is the 20% darker color. If you saturate the color by 10%, you get $223.2970, -10.4994, 7.6325$, and if you desaturate by 10%, it is $236.7590, 5.5418, -4.1736$.

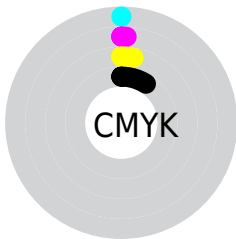
Distribution



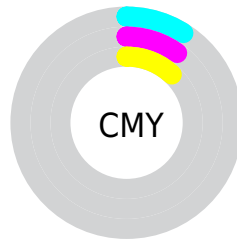
- Red (91%)
- Green (90%)
- Blue (88%)



- Red (89%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (9%)



- Cyan (9%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 230.0280, -2.4788, 1.7294 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 230.0280, -2.4788, 1.7294 by changing the saturation by 10% instead.

■ 230.0280, -2.4788,
1.7294

■ 230.0280, -2.4788,
1.7294

255.0000, 0.0000,
0.0000

■ 202.0280, -2.4788,
1.7294

■ 174.7290, -2.3314,
1.1147

■ 148.0280, -2.4788,
1.7294

■ 122.1420, -2.0420,
1.6295

■ 97.1420, -2.0420,
1.6295

■ 73.8430, -1.8946,
1.0147

■ 51.1420, -2.0420,

1.6295

■ 29.9570, -1.4578,
0.9147

■ 5.0280, -2.4788,
1.7294

■ 230.0280, -2.4788,
1.7294

■ 230.0280, -2.4788,
1.7294

■ 223.2970,
-10.4994, 7.6325

■ 236.7590, 5.5418,
-4.1736

■ 217.1530,
-18.8094, 13.0208

■ 241.0790, 6.8631,
-7.9623

■ 210.3080,
-27.2668, 19.0239

■ 245.1880, 4.8373,
-11.5659

■ 203.5770,
-35.2875, 24.9270

■ 248.1230, 3.3904,
-14.1399

■ 197.4330,
-43.5975, 30.3153

■ 190.7020,
-51.6181, 36.2183

■ 184.5580,
-59.9281, 41.6066

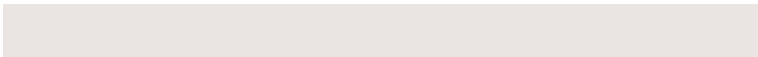
■ 177.7130,
-68.3855, 47.6097

■ 170.9820,
-76.4061, 53.5128

Harmonies

Analogous

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



230.1530, -2.0474, 3.3738



230.0280, -2.4788, 1.7294



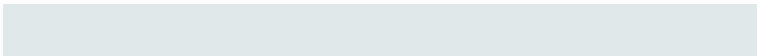
229.8320, -1.8892, -0.7297

Triad

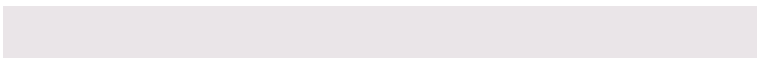
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.0280, -2.4788, 1.7294



229.7220, 1.6161, -5.0182



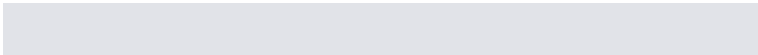
230.8370, 0.5734, 2.7740

Complementary

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



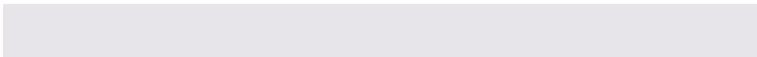
230.0280, -2.4788, 1.7294



226.9720, 2.4788, -1.7294

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.



230.1680, 1.8892, 0.7297



230.0280, -2.4788, 1.7294



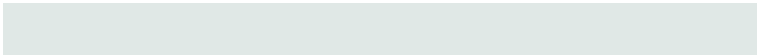
229.6620, 2.6316, -4.0886

Square

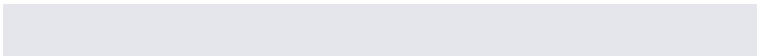
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



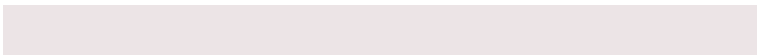
230.0280, -2.4788, 1.7294



229.3800, 0.3057, -4.7183



229.9720, 2.4788, -1.7294



230.6200, -0.3057, 4.7183

Rectangle

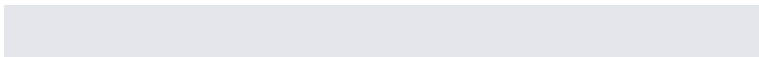
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



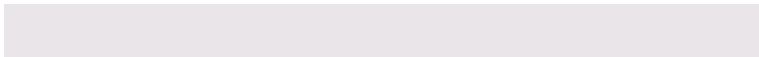
230.0280, -2.4788, 1.7294



229.3480, -1.1576, -2.0592



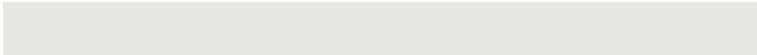
229.9720, 2.4788, -1.7294



230.6520, 1.1576, 2.0592

Sweetspot

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



230.0280, -2.4788, 1.7294



254.0710, -1.0210, 0.8147



227.3210, -0.1583, 4.1035



127.1850, -0.5842, 0.7148



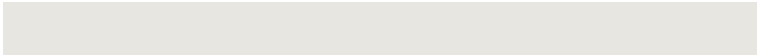
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



230.0280, -2.4788, 1.7294



252.0990, -3.4998, 2.5442



230.9030, -2.9102, 0.0851



113.1420, -2.0420, 1.6295



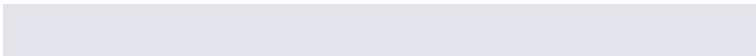
128.6570, -63.4279, 44.1508



36.3810, -17.9358, 12.8209

Inverse Universe

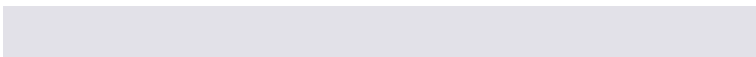
The Inverse Universe completely reimagines the original color for something new.



226.9720, 2.4788, -1.7294



247.9010, 3.4998, -2.5442



226.0970, 2.9102, -0.0851



110.8580, 2.0420, -1.6295



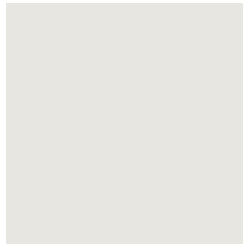
50.3430, 63.4279, -44.1508



14.6190, 17.9358, -12.8209

Previews

White Background



This preview shows how the YUV color 230.0280, -2.4788, 1.7294 looks on a white background.

Color Contrast Check

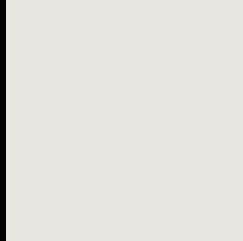
Large Text (above 18pt) WCAG AA × Fail

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 230.0280, -2.4788, 1.7294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

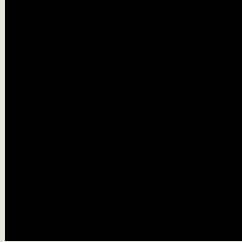
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

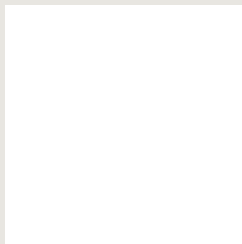
Any Text WCAG AAA ✓ Pass

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

YUV 230.0280, -2.4788, 1.7294 Background



This preview shows how black text looks on a background with the YUV color 230.0280, -2.4788, 1.7294.



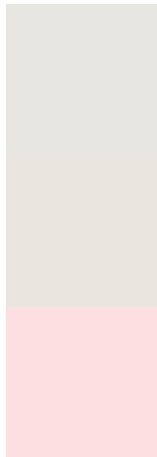
This preview shows how white text looks on a background with the YUV color 230.0280, -2.4788, 1.7294.

1.7294.

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

230.0280, -2.4788, 1.7294

Protanopia

230.2240, -3.0684, 4.1886

Deuteranopia

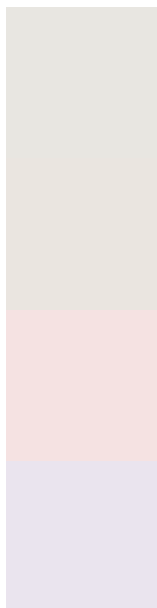
232.3120, -3.1118, 18.1434



Tritanopia

231.4440, 6.6831, 3.1186

Trichromacy



Original Color

230.0280, -2.4788, 1.7294

Protanomaly

229.9250, -2.9210, 3.5738

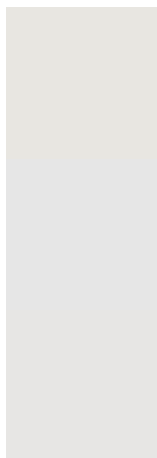
Deuteranomaly

231.6810, -2.8007, 11.6808

Tritanomaly

230.9340, 3.4835, 2.6889

Monochromacy



Original Color

230.0280, -2.4788, 1.7294

Achromatopsia

230.0000, 0.0000, 0.0000

Achromatomaly

230.0710, -1.0210, 0.8147

CSS Examples

Text

The CSS property to change the color of the text to YUV 230.0280, -2.4788, 1.7294 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(232, 230, 225)` looks like.

```
.text, #text, p{  
    color:rgb(232, 230, 225)  
}
```

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(232, 230, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 230, 225) }
```

Border

The CSS property to change the border of an element to YUV 230.0280, -2.4788, 1.7294 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(232, 230, 225) }
```


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

```
.border{ border-color:rgb(232, 230, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 230, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 230, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 230, 225);  
box-shadow:4px 4px 4px 4px rgb(232, 230,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 230.0280, -2.4788, 1.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 230, 225) }
```

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

```
.background{ background-color: rgb(232,  
230, 225) }
```

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