

Converting Colors

YUV(227.7940, -0.8844, 3.6887)

Have a look what the booklet for
YUV(227.7940, -0.8844, 3.6887)
contains.

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Color

**YUV(227.7940, -0.8844,
3.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	E8E2E2
RGB	232, 226, 226
RGB Percent	91%, 89%, 89%
CMY	0.0902, 0.1137, 0.1137
CMYK	0.00, 0.03, 0.03, 0.09
HSL	0°, 12%, 90%
HSV	0°, 3%, 91%
XYZ	74.2025, 77.0395, 82.9107
YIQ	227.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

Format	Color
R _Y B	232, 226, 226
Decimal	15262434
CIE Lab	90.34, 2.03, 0.71
CIE LCh	90, 2.154, 19.275
Yxy	77.0395, 0.3169, 0.3290
Android (android.graphics.Color)	4293452514 (0xFFE8E2E2)
YUV	227.7940, -0.8844, 3.6887
Hunter-Lab	87.7722, -2.6974, 5.4344

Details

The YUV color $227.7940, -0.8844, 3.6887$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $230.2060, 0.8844, -3.6887$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.4950, -0.7370, 3.0739$ is the 20% darker color. If you saturate the color by 10%, you get $211.6710, -4.2748, 17.8285$, and if you desaturate by 10%, it is $243.9170, 2.5059, -10.4512$.

Distribution



Red (91%)

Green (89%)

Blue (89%)



Red (91%)

Yellow (89%)

Blue (89%)



Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (11%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.7940, -0.8844, 3.6887 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 227.7940, -0.8844, 3.6887 by changing the saturation by 10% instead.

■ 227.7940, -0.8844,
3.6887

■ 227.7940, -0.8844,
3.6887

255.0000, 0.0000,
0.0000

■ 199.7940, -0.8844,
3.6887

■ 172.4950, -0.7370,
3.0739

■ 145.7940, -0.8844,
3.6887

■ 120.4950, -0.7370,
3.0739

■ 95.4950, -0.7370,
3.0739

■ 71.4950, -0.7370,
3.0739

■ 49.4950, -0.7370,

3.0739

■ 28.1960, -0.5896,
2.4591

■ 2.0930, -1.0318,
4.3034

■ 227.7940, -0.8844,
3.6887

■ 227.7940, -0.8844,
3.6887

■ 211.6710, -4.2748,
17.8285

■ 243.9170, 2.5059,
-10.4512

■ 195.5480, -7.6652,
31.9684

■ 248.1230, 3.3904,
-14.1399

■ 178.7240,
-11.2029, 46.7231

■ 162.6010,
-14.5933, 60.8629

■ 146.4780,
-17.9837, 75.0028

■ 130.3550,
-21.3740, 89.1427

■ 114.2320,
-24.7644, 103.2825

■ 97.4080, -28.3021,
118.0372

■ 81.2850, -31.6925,
132.1771

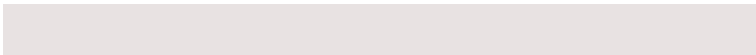
Harmonies

Analogous

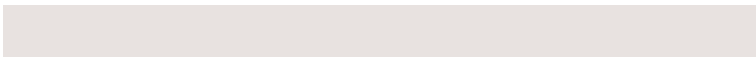
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



227.7230, 0.1366, 2.8739



227.7940, -0.8844, 3.6887



227.5660, -1.7580, 3.8886

Triad

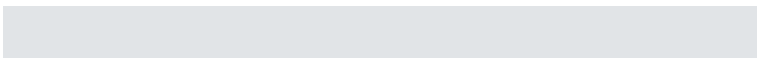
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.7940, -0.8844, 3.6887



226.7610, -0.8682, -1.5444



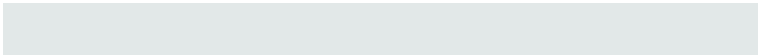
227.4450, 1.7526, -2.1443

Complementary

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



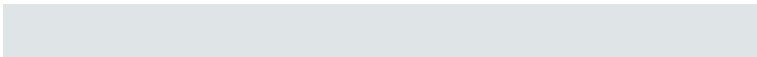
227.7940, -0.8844, 3.6887



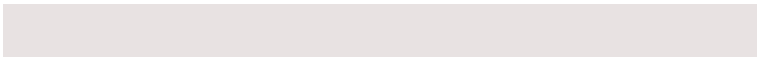
230.2060, 0.8844, -3.6887

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.



226.7330, 1.6106, -3.2738



227.7940, -0.8844, 3.6887



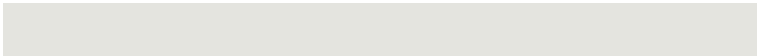
226.8640, -0.4260, -3.3887

Square

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



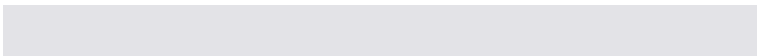
227.7940, -0.8844, 3.6887



227.4300, -2.1840, 0.4999



226.9070, 1.0318, -4.3034



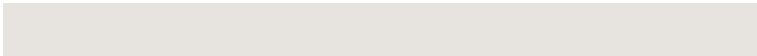
227.4560, 1.7472, -0.3999

Rectangle

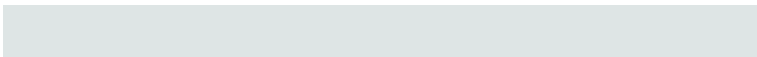
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



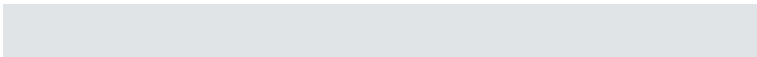
227.7940, -0.8844, 3.6887



227.7400, -2.3368, 2.8590



226.9070, 1.0318, -4.3034



227.1460, 1.9000, -2.7590

Sweetspot

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



227.7940, -0.8844, 3.6887



252.8970, -0.4422, 1.8443



228.4780, 1.7363, 3.0888



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

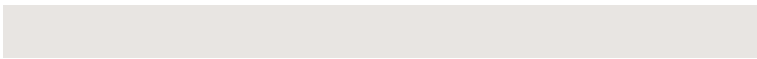
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.7940, -0.8844, 3.6887



249.3920, -1.1793, 4.9182



229.5550, -1.7526, 2.1443



111.4950, -0.7370, 3.0739



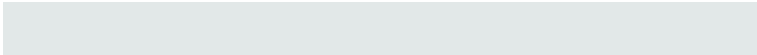
53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536

Inverse Universe

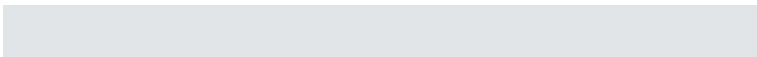
The Inverse Universe completely reimagines the original color for something new.



230.2060, 0.8844, -3.6887



252.6080, 1.1793, -4.9182



228.4450, 1.7526, -2.1443



113.5050, 0.7370, -3.0739



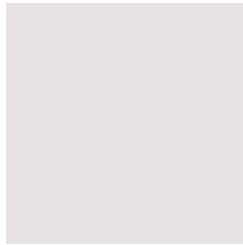
125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 227.7940, -0.8844, 3.6887 looks on a white background.

Color Contrast Check

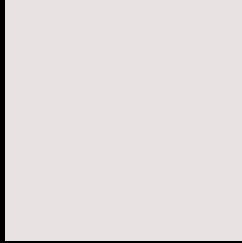
Large Text (above 18pt) WCAG AA × Fail

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 227.7940, -0.8844, 3.6887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

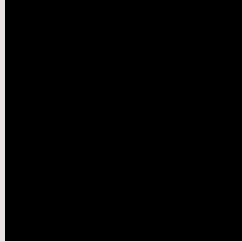
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

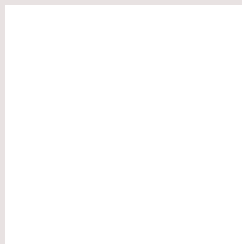
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.7940, -0.8844, 3.6887

Background



This preview shows how black text looks on a background with the YUV color 227.7940, -0.8844, 3.6887.



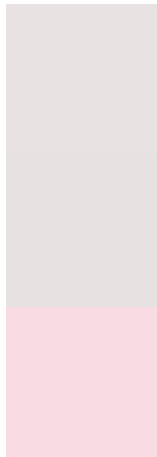
This preview shows how white text looks on a background with the YUV color 227.7940, -0.8844,

3.6887.

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

227.7940, -0.8844, 3.6887

Protanopia

227.4950, -0.7370, 3.0739

Deuteranopia

229.4690, -1.2172, 17.1287



Tritanopia

228.9280, 5.9515, 4.4481

Trichromacy



Original Color

227.7940, -0.8844, 3.6887

Protanomaly

227.4950, -0.7370, 3.0739

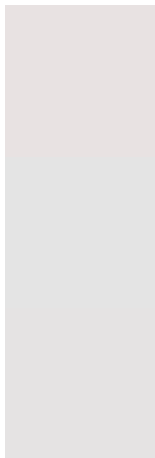
Deuteranomaly

228.8490, -0.9116, 12.4104

Tritanomaly

228.6460, 3.6255, 3.8185

Monochromacy



Original Color

227.7940, -0.8844, 3.6887

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

227.5980, -0.2948, 1.2296

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.7940, -0.8844, 3.6887 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, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(232, 226, 226)  
}
```

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, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 226, 226) }
```

Border

The CSS property to change the border of an element to YUV 227.7940, -0.8844, 3.6887 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, 226, 226) }
```


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

```
.border{ border-color:rgb(232, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(232, 226,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 227.7940, -0.8844, 3.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 226, 226) }
```

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

```
.background{ background-color: rgb(232,  
226, 226) }
```

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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