

Converting Colors

YUV(226.9940, -14.2940,
11.4063)

Have a look what the booklet for
YUV(226.9940, -14.2940, 11.4063)
contains.

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Color

**YUV(226.9940, -14.2940,
11.4063)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0E2C6 |
| RGB | 240, 226, 198 |
| RGB Percent | 94%, 89%, 78% |
| CMY | 0.0588, 0.1137, 0.2235 |
| CMYK | 0.00, 0.06, 0.17, 0.06 |
| HSL | 40°, 58%, 86% |
| HSV | 40°, 17%, 94% |
| XYZ | 73.3246, 76.9952, 64.4230 |
| YIQ | 226.9940, 17.3320, -5.7400 |

Conversions

Conversions Part 2

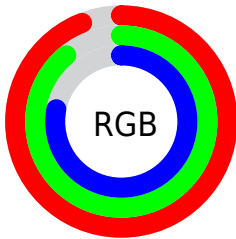
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 219, 240, 198 |
| Decimal | 15786694 |
| CIE Lab | 90.32, 0.30, 15.41 |
| CIE LCh | 90, 15.410, 88.891 |
| Yxy | 76.9952, 0.3415, 0.3585 |
| Android (android.graphics.Color) | 4293976774 (0xFFFF0E2C6) |
| YUV | 226.9940, -14.2940, 11.4063 |
| Hunter-Lab | 87.7469, -4.3958, 17.8926 |

Details

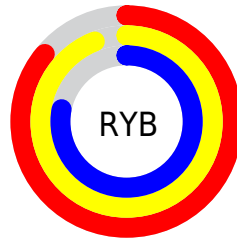
The YUV color $226.9940, -14.2940, 11.4063$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $211.0060, 14.2940, -11.4063$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.8090, -13.7098, 10.6915$ is the 20% darker color. If you saturate the color by 10%, you get $219.5620, -22.4621, 17.9241$, and if you desaturate by 10%, it is $234.4260, -6.1260, 4.8884$.

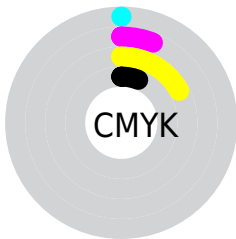
Distribution



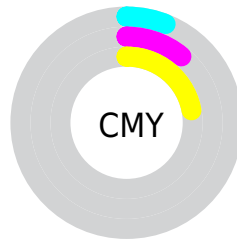
- Red (94%)
- Green (89%)
- Blue (78%)



- Red (86%)
- Yellow (94%)
- Blue (78%)



- Cyan (0%)
- Magenta (6%)
- Yellow (17%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.9940, -14.2940, 11.4063 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 226.9940, -14.2940, 11.4063 by changing the saturation by 10% instead.

■ 226.9940,
-14.2940, 11.4063

■ 226.9940,
-14.2940, 11.4063

255.0000, 0.0000,
0.0000

■ 199.1080,
-13.8572, 11.3063

■ 171.8090,
-13.7098, 10.6915

■ 144.9230,
-13.2730, 10.5915

■ 119.4390,
-12.5414, 9.2620

■ 94.5530, -12.1046,
9.1620

■ 70.3680, -11.5204,
8.4473

■ 48.1830, -10.9362,

7.7325

■ 26.6130, -13.1202,
8.2324

■ 1.4840, -0.7316,
1.3295

■ 226.9940,
-14.2940, 11.4063

■ 226.9940,
-14.2940, 11.4063

■ 219.5620,
-22.4621, 17.9241

■ 234.4260, -6.1260,
4.8884

■ 212.1300,
-30.6301, 24.4420

■ 241.8580, 2.0420,
-1.6295

■ 204.6980,
-38.7981, 30.9599

■ 247.5800, 3.6581,
-6.6477

■ 197.2660,
-46.9661, 37.4777

■ 250.5150, 2.2111,
-9.2217

■ 189.8340,
-55.1342, 43.9956

■ 182.4020,
-63.3022, 50.5134

■ 174.9700,
-71.4702, 57.0313

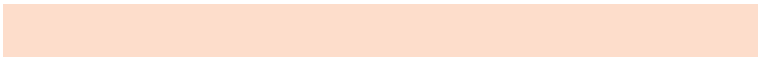
■ 167.5380,
-79.6382, 63.5492

■ 165.6800,
-81.6802, 65.1786

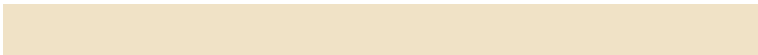
Harmonies

Analogous

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



228.5160, -12.5794, 21.4725



226.9940, -14.2940, 11.4063



225.4870, -12.0721, -1.3041

Triad

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



226.9940, -14.2940, 11.4063



222.8160, 8.9647, -28.7796



229.8090, 6.5032, 14.1995

Complementary

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



226.9940, -14.2940, 11.4063



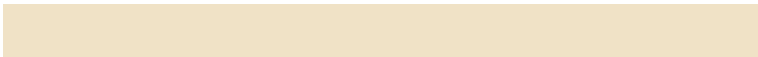
211.0060, 14.2940, -11.4063

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.



229.1000, 11.7827, 0.7893



226.9940, -14.2940, 11.4063



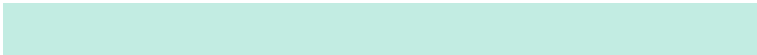
224.1030, 13.7532, -24.6463

Square

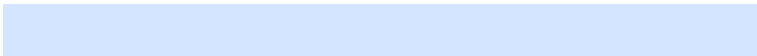
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.9940, -14.2940, 11.4063



222.3020, 1.8231, -24.8209



226.5820, 14.0101, -13.6654



229.6160, -0.7967, 22.2618

Rectangle

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



226.9940, -14.2940, 11.4063



223.8710, -7.8244, -10.4109



226.5820, 14.0101, -13.6654



229.9440, 8.4086, 9.6961

Sweetspot

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



226.9940, -14.2940, 11.4063



251.1700, -4.5208, 3.3589



212.1540, -0.0759, 24.4209



125.3270, -2.6262, 2.3442



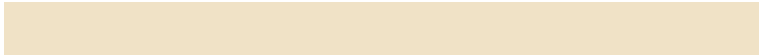
0.0000, 0.0000, 0.0000



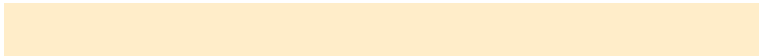
128.0000, 0.0000, 0.0000

Same Dimension

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



226.9940, -14.2940, 11.4063



238.2780, -18.3781, 14.6652



233.4180, -17.4611, 0.5104



116.2840, -4.0840, 3.2589



126.6300, -62.4286, 50.3135



38.4630, -18.9623, 15.3799

Inverse Universe

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



211.0060, 14.2940, -11.4063



217.7220, 18.3781, -14.6652



204.8810, 17.3137, 0.1044



111.7160, 4.0840, -3.2589



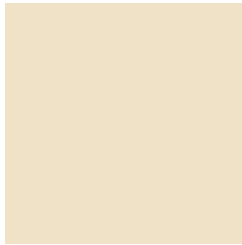
56.7830, 62.7180, -49.7987



17.5370, 18.9623, -15.3799

Previews

White Background



This preview shows how the YUV color 226.9940, -14.2940, 11.4063 looks on a white background.

Color Contrast Check

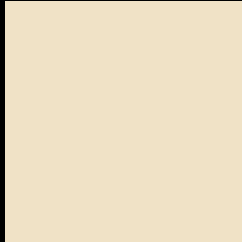
Large Text (above 18pt) WCAG AA × Fail

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 226.9940, -14.2940, 11.4063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

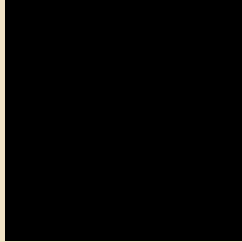
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 226.9940, -14.2940, 11.4063

Background



This preview shows how black text looks on a background with the YUV color 226.9940, -14.2940, 11.4063.

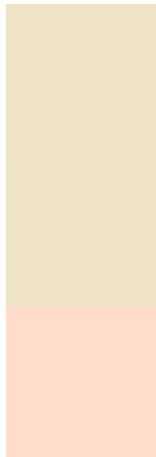


This preview shows how white text looks on a background with the YUV color 226.9940, -14.2940, 11.4063.

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

226.9940, -14.2940, 11.4063

Protanopia

226.9830, -14.2886, 9.6619

Deuteranopia

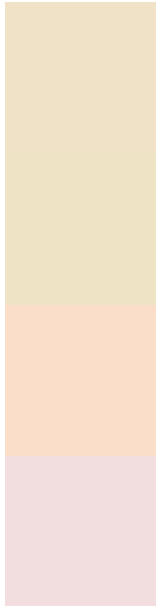
228.6410, -12.1480, 23.1168



Tritanopia

229.5270, 4.1772, 13.5698

Trichromacy



Original Color

226.9940, -14.2940, 11.4063

Protanomaly

227.2820, -14.4360, 10.2767

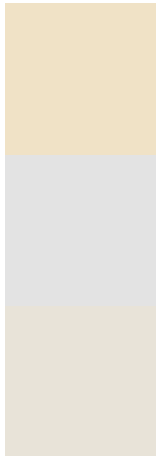
Deuteranomaly

228.0920, -12.8634, 19.2133

Tritanomaly

228.3930, -2.6587, 12.8103

Monochromacy



Original Color

226.9940, -14.2940, 11.4063

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

227.2410, -5.5418, 4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.9940, -14.2940, 11.4063 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(240, 226, 198)` looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 198)  
}
```

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(240, 226, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 198) }
```

Border

The CSS property to change the border of an element to YUV 226.9940, -14.2940, 11.4063 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(240, 226, 198) }
```


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

```
.border{ border-color:rgb(240, 226, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 226, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 198);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 226.9940, -14.2940, 11.4063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 198) }
```

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

```
.background{ background-color: rgb(240,  
226, 198) }
```

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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