

Converting Colors

YUV(226.1940, -10.9416,
9.4769)

Have a look what the booklet for
YUV(226.1940, -10.9416, 9.4769)
contains.

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Color

**YUV(226.1940, -10.9416,
9.4769)**

Conversions

Conversions Part 1

Format	Color
Hex	EDE1CC
RGB	237, 225, 204
RGB Percent	93%, 88%, 80%
CMY	0.0706, 0.1176, 0.2000
CMYK	0.00, 0.05, 0.14, 0.07
HSL	38°, 48%, 86%
HSV	38°, 14%, 93%
XYZ	72.7493, 76.2146, 68.0033
YIQ	226.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

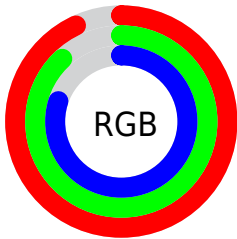
Format	Color
R _Y B	223, 237, 204
Decimal	15589836
CIE Lab	89.96, 0.65, 11.73
CIE LCh	90, 11.749, 86.829
Yxy	76.2146, 0.3353, 0.3513
Android (android.graphics.Color)	4293779916 (0xFFEDE1CC)
YUV	226.1940, -10.9416, 9.4769
Hunter-Lab	87.3010, -4.0297, 14.9266

Details

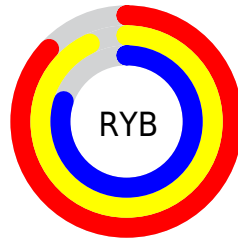
The YUV color $226.1940, -10.9416, 9.4769$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $214.8060, 10.9416, -9.4769$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.0090, -10.3574, 8.7621$ is the 20% darker color. If you saturate the color by 10%, you get $218.1750, -18.8203, 16.5095$, and if you desaturate by 10%, it is $234.2130, -3.0630, 2.4442$.

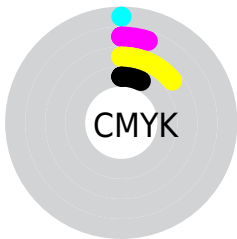
Distribution



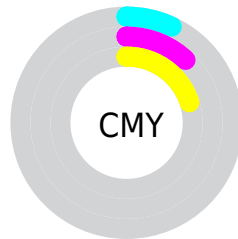
- Red (93%)
- Green (88%)
- Blue (80%)



- Red (87%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.1940, -10.9416, 9.4769 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 226.1940, -10.9416, 9.4769 by changing the saturation by 10% instead.

■ 226.1940,
-10.9416, 9.4769

■ 226.1940,
-10.9416, 9.4769

255.0000, 0.0000,
0.0000

■ 198.3080,
-10.5048, 9.3769

■ 171.0090,
-10.3574, 8.7621

■ 144.1230, -9.9206,
8.6621

■ 118.8240, -9.7732,
8.0474

■ 93.9380, -9.3364,
7.9474

■ 70.3400, -9.0416,
6.7178

■ 47.5680, -8.1680,

6.5179

■ 26.9270, -9.3310,
6.2030

■ 0.2990, -0.1474,
0.6148

■ 226.1940,
-10.9416, 9.4769

■ 226.1940,
-10.9416, 9.4769

■ 218.1750,
-18.8203, 16.5095

■ 234.2130, -3.0630,
2.4442

■ 210.8570,
-26.5515, 22.9274

■ 241.5310, 4.6682,
-3.9737

■ 202.8380,
-34.4301, 29.9601

■ 247.2700, 3.8109,
-9.0068

■ 195.4060,
-42.5982, 36.4779

■ 249.6180, 2.6533,
-11.0660

■ 187.5010,
-50.0400, 43.4106

■ 179.4820,
-57.9186, 50.4433

■ 172.0500,
-66.0866, 56.9612

■ 164.0310,
-73.9653, 63.9938

■ 159.5000,
-78.6335, 67.9675

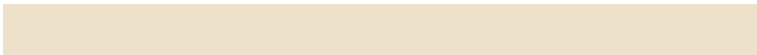
Harmonies

Analogous

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



227.8790, -9.8003, 16.7691



226.1940, -10.9416, 9.4769



224.8830, -9.3093, -0.7744

Triad

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



226.1940, -10.9416, 9.4769



222.8770, 6.4696, -21.8171



228.7330, 5.0616, 9.8812

Complementary

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



226.1940, -10.9416, 9.4769



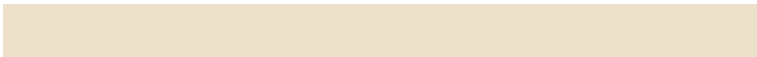
214.8060, 10.9416, -9.4769

Split Complementary

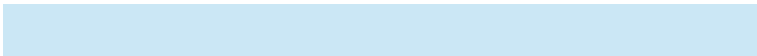
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227.4050, 9.1673, -0.3552



226.1940, -10.9416, 9.4769



224.2240, 10.2426, -18.6134

Square

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



226.1940, -10.9416, 9.4769



222.8190, 1.0752, -18.2583



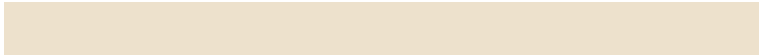
225.7950, 10.9471, -11.2212



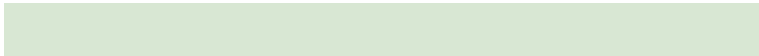
228.9960, -0.4910, 17.5435

Rectangle

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



226.1940, -10.9416, 9.4769



224.2350, -6.5249, -7.2221



225.7950, 10.9471, -11.2212



227.8790, 6.9617, 7.1221

Sweetspot

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



226.1940, -10.9416, 9.4769



251.5120, -3.2104, 3.0590



215.2350, 0.3771, 19.0879



125.4410, -2.1894, 2.2442



0.0000, 0.0000, 0.0000



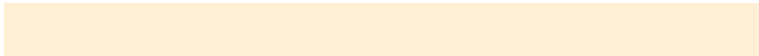
128.0000, 0.0000, 0.0000

Same Dimension

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



226.1940, -10.9416, 9.4769



240.7060, -14.1521, 12.5358



232.0420, -13.8247, 0.8402



113.3980, -3.6472, 3.1590



121.6240, -59.9606, 52.0728



36.1040, -17.7993, 15.6948

Inverse Universe

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



214.8060, 10.9416, -9.4769



225.7070, 14.4414, -12.0210



208.9580, 13.8247, -0.8402



109.6020, 3.6472, -3.1590



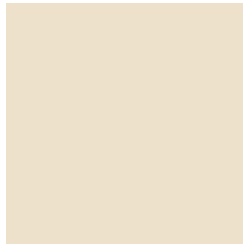
59.3760, 59.9606, -52.0728



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 226.1940, -10.9416, 9.4769 looks on a white background.

Color Contrast Check

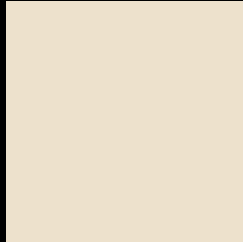
Large Text (above 18pt) WCAG AA × Fail

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 226.1940, -10.9416, 9.4769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

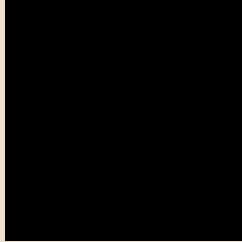
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

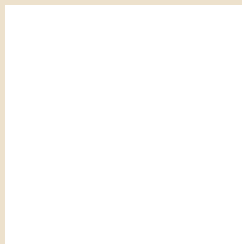
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.1940, -10.9416, 9.4769

Background



This preview shows how black text looks on a background with the YUV color 226.1940, -10.9416, 9.4769.



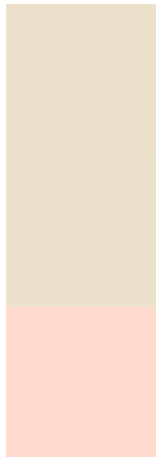
This preview shows how white text looks on a background with the YUV color 226.1940, -10.9416, 9.4769.

9.4769.

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

226.1940, -10.9416, 9.4769

Protanopia

225.5960, -10.6468, 8.2473

Deuteranopia

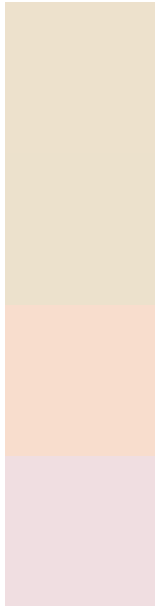
227.6950, -10.6956, 23.9465



Tritanopia

228.5160, 4.1826, 11.8255

Trichromacy



Original Color

226.1940, -10.9416, 9.4769

Protanomaly

225.8950, -10.7942, 8.8621

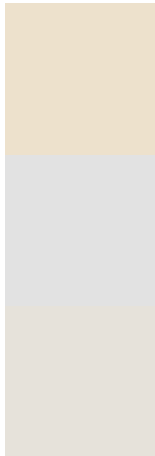
Deuteranomaly

227.2490, -10.9688, 18.1986

Tritanomaly

227.7240, -1.3429, 10.7661

Monochromacy



Original Color

226.1940, -10.9416, 9.4769

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

226.2840, -4.0840, 3.2589

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.1940, -10.9416, 9.4769 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(237, 225, 204)` looks like.

```
.text, #text, p{  
    color:rgb(237, 225, 204)  
}
```

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(237, 225, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 225, 204) }
```

Border

The CSS property to change the border of an element to YUV 226.1940, -10.9416, 9.4769 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(237, 225, 204) }
```


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

```
.border{ border-color:rgb(237, 225, 204) }
```

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

Here you see how a box with a 4 pixel rgb(237, 225, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 225, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 225, 204);  
box-shadow:4px 4px 4px 4px rgb(237, 225,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 226.1940, -10.9416, 9.4769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 225, 204) }
```

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

```
.background{ background-color: rgb(237,  
225, 204) }
```

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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