

Converting Colors

YUV(239.7940, -17.6464,
13.3357)

Have a look what the booklet for
YUV(239.7940, -17.6464, 13.3357)
contains.

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Color

**YUV(239.7940, -17.6464,
13.3357)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFCC
RGB	255, 239, 204
RGB Percent	100%, 94%, 80%
CMY	0.0000, 0.0627, 0.2000
CMYK	0.00, 0.06, 0.20, 0.00
HSL	41°, 100%, 90%
HSV	41°, 20%, 100%
XYZ	83.0056, 87.3526, 69.6126
YIQ	239.7940, 20.7710, -7.4930

Conversions

Conversions Part 2

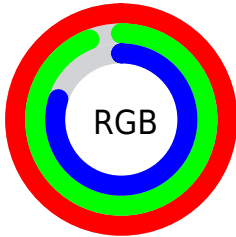
Format	Color
R _Y B	227, 255, 204
Decimal	16773068
CIE Lab	94.89, -0.04, 18.89
CIE LCh	95, 18.891, 90.119
Yxy	87.3526, 0.3459, 0.3640
Android (android.graphics.Color)	4294963148 (0xFFFFEFCC)
YUV	239.7940, -17.6464, 13.3357
Hunter-Lab	93.4626, -5.0310, 21.2636

Details

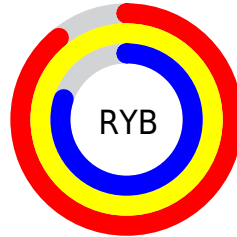
The YUV color $239.7940, -17.6464, 13.3357$ is a light color, and the websafe version is hex $FFFCC$. A complement of this color would be $219.2060, 17.6464, -13.3357$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $183.7230, -16.6254, 12.5209$ is the 20% darker color. If you saturate the color by 10%, you get $232.2480, -26.2513, 19.9535$, and if you desaturate by 10%, it is $247.4540, -8.6048, 6.6178$.

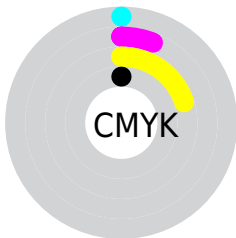
Distribution



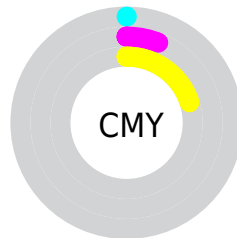
- Red (100%)
- Green (94%)
- Blue (80%)



- Red (89%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.7940, -17.6464, 13.3357 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 239.7940, -17.6464, 13.3357 by changing the saturation by 10% instead.

239.7940,
-17.6464, 13.3357

239.7940,
-17.6464, 13.3357

255.0000, 0.0000,
0.0000

211.4950,
-17.4990, 12.7209

183.7230,
-16.6254, 12.5209

156.5380,
-16.0412, 11.8062

130.6520,
-15.6044, 11.7062

105.4670,
-15.0202, 10.9914

80.9830, -14.2886,
9.6619

57.7980, -13.7044,

8.9472

■ 35.9720, -14.2832,
7.9176

■ 16.2690, -8.0206,
5.9031

■ 239.7940,
-17.6464, 13.3357

■ 239.7940,
-17.6464, 13.3357

■ 232.2480,
-26.2513, 19.9535

■ 247.4540, -8.6048,
6.6178

■ 224.5880,
-35.2929, 26.6713

255.0000, 0.0000,
0.0000

■ 217.0420,
-43.8977, 33.2892

■ 209.3820,
-52.9393, 40.0070

■ 201.8360,
-61.5441, 46.6248

■ 194.1760,
-70.5858, 53.3426

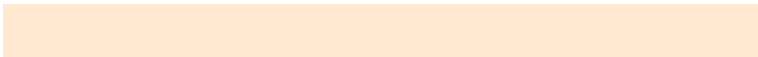
■ 186.5160,
-79.6274, 60.0605

■ 178.9700,
-88.2322, 66.6783

Harmonies

Analogous

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



236.8420, -13.7261, 15.9246



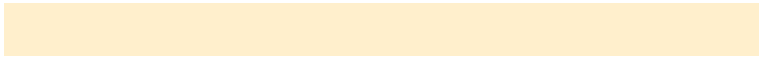
239.7940, -17.6464, 13.3357



237.9060, -14.2507, -2.5486

Triad

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



239.7940, -17.6464, 13.3357



233.5270, 10.5862, -35.5422



240.3250, 7.2348, 12.8700

Complementary

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



239.7940, -17.6464, 13.3357



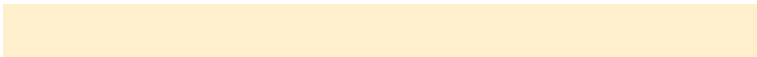
219.2060, 17.6464, -13.3357

Split Complementary

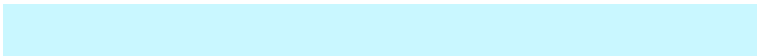
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.5580, 7.1199, 3.0186



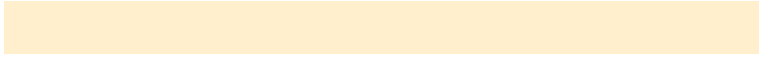
239.7940, -17.6464, 13.3357



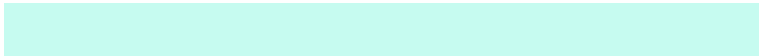
234.1580, 10.2751, -29.0796

Square

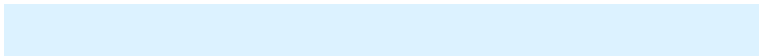
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.7940, -17.6464, 13.3357



233.8990, 3.0078, -31.4834



236.9040, 8.9213, -14.8248



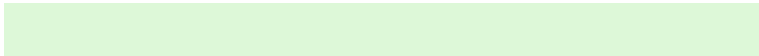
237.5550, 1.6984, 15.2993

Rectangle

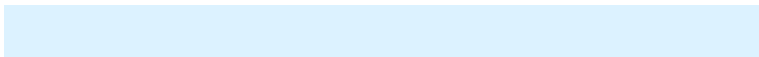
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.7940, -17.6464, 13.3357



236.2790, -9.9975, -13.3997



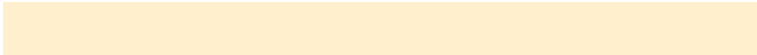
236.9040, 8.9213, -14.8248



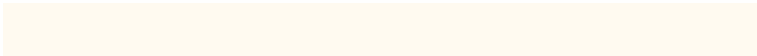
241.4990, 6.6560, 11.8404

Sweetspot

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



239.7940, -17.6464, 13.3357



250.3550, -5.1050, 4.0737



221.0730, -0.5290, 29.7540



125.2130, -3.0630, 2.4442



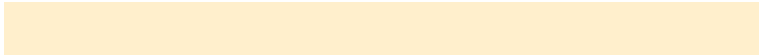
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

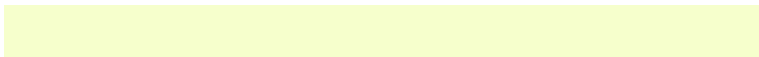
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.7940, -17.6464, 13.3357



236.8930, -21.1462, 15.8798



246.4950, -20.9500, -0.4341



124.1700, -4.5208, 3.3589



134.0060, -66.0650, 49.9837



44.9640, -22.1673, 16.6946

Inverse Universe

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



219.2060, 17.6464, -13.3357



212.1070, 21.1462, -15.8798



212.5050, 20.9500, 0.4341



118.8300, 4.5208, -3.3589



56.9940, 66.0650, -49.9837



19.0360, 22.1673, -16.6946

Previews

White Background



This preview shows how the YUV color 239.7940, -17.6464, 13.3357 looks on a white background.

Color Contrast Check

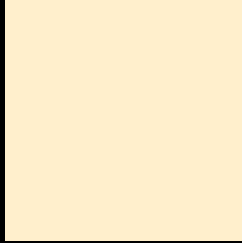
Large Text (above 18pt) WCAG AA × Fail

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 239.7940, -17.6464, 13.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

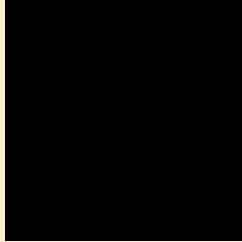
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 239.7940, -17.6464, 13.3357

Background



This preview shows how black text looks on a background with the YUV color 239.7940, -17.6464, 13.3357.



This preview shows how white text looks on a background with the YUV color 239.7940, -17.6464, 13.3357.

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

239.7940, -17.6464, 13.3357

Protanopia

239.7830, -17.6410, 11.5913

Deuteranopia

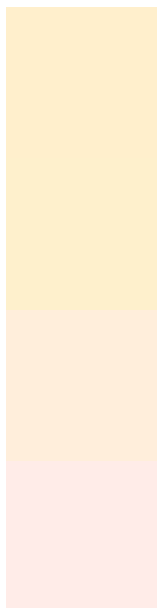
241.3560, -6.5845, 11.9658



Tritanopia

242.4620, 2.7302, 10.9958

Trichromacy



Original Color

239.7940, -17.6464, 13.3357

Protanomaly

240.0820, -17.7884, 12.2061

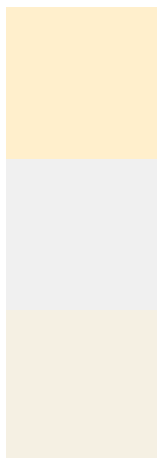
Deuteranomaly

240.9170, -10.8051, 12.3508

Tritanomaly

241.2250, -4.5479, 12.0807

Monochromacy



Original Color

239.7940, -17.6464, 13.3357

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.7940, -17.6464, 13.3357 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(255, 239, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 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(255, 239, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 204) }
```

Border

The CSS property to change the border of an element to YUV 239.7940, -17.6464, 13.3357 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(255, 239, 204) }
```


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

```
.border{ border-color:rgb(255, 239, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 239.7940, -17.6464, 13.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 204) }
```

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

```
.background{ background-color: rgb(255,  
239, 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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