

# Converting Colors

YUV(241.9940, -14.2940,  
11.4063)

Have a look what the booklet for  
YUV(241.9940, -14.2940, 11.4063)  
contains.

<b>YUV(241.9940, -14.2940, 11.4063)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(241.9940, -14.2940,  
11.4063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF1D5
RGB	255, 241, 213
RGB Percent	100%, 95%, 84%
CMY	0.0000, 0.0549, 0.1647
CMYK	0.00, 0.05, 0.16, 0.00
HSL	40°, 100%, 92%
HSV	40°, 16%, 100%
XYZ	84.7055, 88.9747, 75.6602
YIQ	241.9940, 17.3320, -5.7400

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 255, 213</a>
Decimal	<a href="#">16773589</a>
CIELab	<a href="#">95.57, 0.26, 15.22</a>
CIELCh	<a href="#">96, 15.218, 89.017</a>
Yxy	<a href="#">88.9747, 0.3397, 0.3568</a>
Android (android.graphics.Color)	<a href="#">4294963669</a> ( <a href="#">0xFFFFFFFFD5</a> )
YUV	<a href="#">241.9940, -14.2940, 11.4063</a>
Hunter-Lab	<a href="#">94.3264, -4.7774, 18.4714</a>

# Details

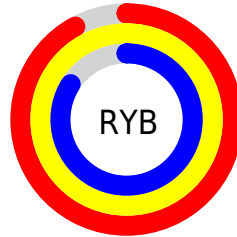
The YUV color  $241.9940, -14.2940, 11.4063$  is a light color, and the websafe version is hex  $FFFFCC$ . A complement of this color would be  $226.0060, 14.2940, -11.4063$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $185.8090, -13.7098, 10.6915$  is the 20% darker color. If you saturate the color by 10%, you get  $234.4480, -22.8989, 18.0241$ , and if you desaturate by 10%, it is  $250.2410, -5.5418, 4.1736$ .

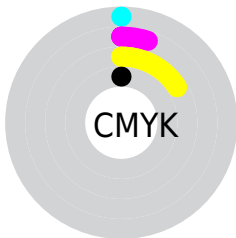
# Distribution



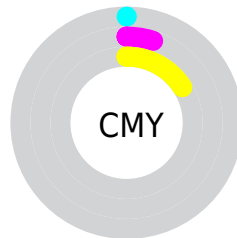
- Red (100%)
- Green (95%)
- Blue (84%)



- Red (92%)
- Yellow (100%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.9940, -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 241.9940, -14.2940, 11.4063 by changing the saturation by 10% instead.



241.9940,  
-14.2940, 11.4063

241.9940,  
-14.2940, 11.4063

255.0000, 0.0000,  
0.0000

213.6950,  
-14.1466, 10.7915

185.8090,  
-13.7098, 10.6915

158.9230,  
-13.2730, 10.5915

132.7380,  
-12.6888, 9.8768

107.5530,  
-12.1046, 9.1620

83.2540, -11.9572,  
8.5472

60.1830, -10.9362,

7.7325

■ 37.9980, -10.3520,  
7.0178

■ 18.0410, -8.8942,  
6.1030

■ 241.9940,  
-14.2940, 11.4063

■ 241.9940,  
-14.2940, 11.4063

■ 234.4480,  
-22.8989, 18.0241

■ 250.2410, -5.5418,  
4.1736

■ 226.2010,  
-31.6511, 25.2567

255.0000, 0.0000,  
0.0000

■ 218.0680,  
-39.9665, 32.3894

■ 210.4080,  
-49.0081, 39.1072

■ 202.2750,  
-57.3236, 46.2398

■ 194.6150,  
-66.3652, 52.9576

■ 186.3680,  
-75.1174, 60.1903

■ 178.8220,  
-83.7222, 66.8081

■ 176.0350,  
-86.7853, 69.2523

# Harmonies

## Analogous

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



239.5150, -11.0999, 13.5803



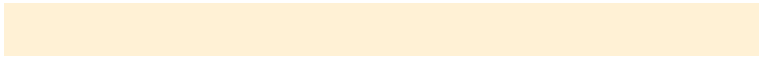
241.9940, -14.2940, 11.4063



240.1880, -11.9247, -1.9189

# Triad

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



241.9940, -14.2940, 11.4063



237.7020, 8.5279, -28.6797



242.6730, 6.0772, 10.8108

# Complementary

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



241.9940, -14.2940, 11.4063



226.0060, 14.2940, -11.4063

# Split Complementary

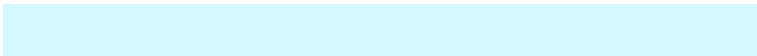
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.6180, 6.1043, 2.0890



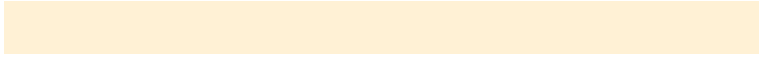
241.9940, -14.2940, 11.4063



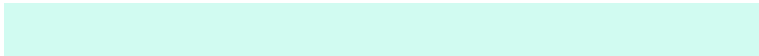
237.7350, 8.5116, -23.4466

# Square

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



241.9940, -14.2940, 11.4063



237.3020, 1.8231, -24.8209



239.8720, 7.4581, -12.1657



240.1310, 1.4144, 13.0401

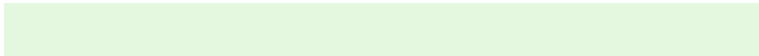


# Rectangle

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



241.9940, -14.2940, 11.4063



238.8710, -7.8244, -10.4109



239.8720, 7.4581, -12.1657



243.8470, 5.4984, 9.7812

# Sweetspot

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



241.9940, -14.2940, 11.4063



251.1700, -4.5208, 3.3589



227.1540, -0.0759, 24.4209



125.3270, -2.6262, 2.3442



0.0000, 0.0000, 0.0000

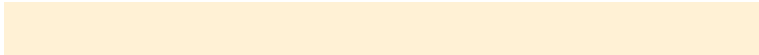


128.0000, 0.0000, 0.0000

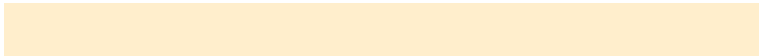


# Same Dimension

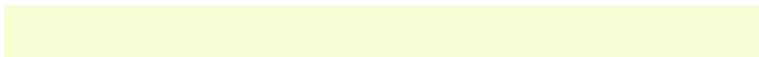
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.9940, -14.2940, 11.4063



239.2070, -17.3571, 13.8505



248.4180, -17.4611, 0.5104



123.5830, -4.2314, 3.8737



131.6580, -64.9074, 52.0429



43.7900, -21.5885, 17.7242



# Inverse Universe

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



226.0060, 14.2940, -11.4063



219.7930, 17.3571, -13.8505



219.8810, 17.3137, 0.1044



118.8300, 4.5208, -3.3589



59.3420, 64.9074, -52.0429



19.6230, 21.8779, -17.2094



# Previews

## White Background



This preview shows how the YUV color 241.9940, -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 241.9940, -14.2940, 11.4063 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

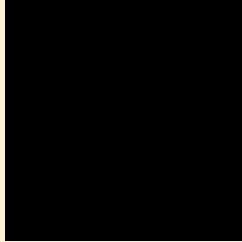
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 241.9940, -14.2940, 11.4063

## Background



This preview shows how black text looks on a background with the YUV color 241.9940, -14.2940, 11.4063.



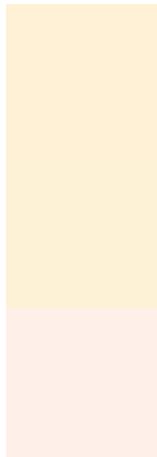
This preview shows how white text looks on a background with the YUV color 241.9940, -14.2940, 11.4063.

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

241.9940, -14.2940, 11.4063

### Protanopia

241.9830, -14.2886, 9.6619

### Deuteranopia

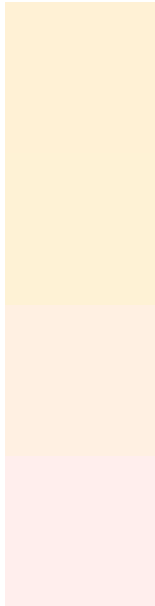
243.1000, -4.9793, 10.4363



## Tritanopia

243.8640, 3.0250, 9.7663

# Trichromacy



## Original Color

241.9940, -14.2940, 11.4063

## Protanomaly

242.2820, -14.4360, 10.2767

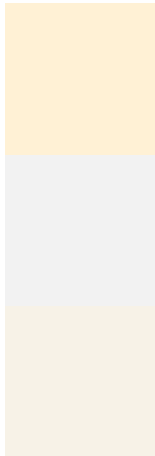
## Deuteranomaly

242.8890, -8.3263, 10.6213

## Tritanomaly

242.9690, -2.9427, 10.5512

# Monochromacy



## Original Color

241.9940, -14.2940, 11.4063

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

242.2410, -5.5418, 4.1736

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.9940, -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(255, 241, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 241, 213)  
}
```

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, 241, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 241, 213) }
```

## Border

The CSS property to change the border of an element to YUV 241.9940, -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(255, 241, 213) }
```



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

```
.border{ border-color:rgb(255, 241, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 241, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 241, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 241, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 241,  
213) }
```

# Background

The CSS property to change the background color of an element to YUV 241.9940, -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(255, 241, 213) }
```

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

```
.background{ background-color: rgb(255,  
241, 213) }
```

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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