

# Converting Colors

YUV(241.6180, -10.6577,  
11.7360)

Have a look what the booklet for  
YUV(241.6180, -10.6577, 11.7360)  
contains.

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# Color

**YUV(241.6180, -10.6577,  
11.7360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFEFDC
RGB	255, 239, 220
RGB Percent	100%, 94%, 86%
CMY	0.0000, 0.0627, 0.1373
CMYK	0.00, 0.06, 0.14, 0.00
HSL	33°, 100%, 93%
HSV	33°, 14%, 100%
XYZ	85.0248, 88.1603, 80.2455
YIQ	241.6180, 15.6350, -2.5170

# Conversions

## Conversions Part 2

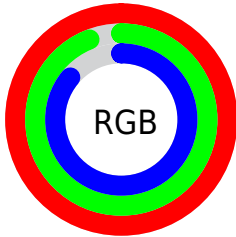
Format	Color
R <sub>Y</sub> B	249, 255, 220
Decimal	16773084
CIE Lab	95.23, 2.34, 11.12
CIE LCh	95, 11.361, 78.132
Yxy	88.1603, 0.3355, 0.3479
Android (android.graphics.Color)	4294963164 (0xFFFFEFD0)
YUV	241.6180, -10.6577, 11.7360
Hunter-Lab	93.8937, -2.6747, 15.0539

# Details

The YUV color  $241.6180, -10.6577, 11.7360$  is a light color, and the websafe version is hex FFFFFF. A complement of this color would be  $233.3820, 10.6577, -11.7360$ , 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  $185.4330, -10.0735, 11.0213$  is the 20% darker color. If you saturate the color by 10%, you get  $231.7240, -18.1049, 20.4131$ , and if you desaturate by 10%, it is  $251.6260, -2.7736, 2.9590$ .

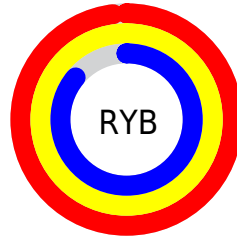
# Distribution



Red (100%)

Green (94%)

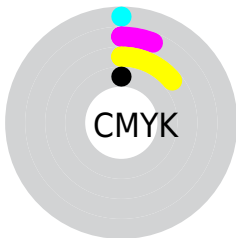
Blue (86%)



Red (98%)

Yellow (100%)

Blue (86%)

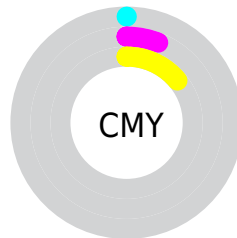


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.6180, -10.6577, 11.7360 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 241.6180, -10.6577, 11.7360 by changing the saturation by 10% instead.



241.6180,  
-10.6577, 11.7360

241.6180,  
-10.6577, 11.7360

255.0000, 0.0000,  
0.0000

213.3190,  
-10.5103, 11.1212

185.4330,  
-10.0735, 11.0213

158.5470, -9.6367,  
10.9213

132.2480, -9.4893,  
10.3065

107.0630, -8.9051,  
9.5917

82.7640, -8.7577,  
8.9770

59.5790, -8.1734,

8.2622

■ 38.3940, -7.5892,  
7.5475

■ 16.8780, -8.3209,  
8.8770

■ 241.6180,  
-10.6577, 11.7360

■ 241.6180,  
-10.6577, 11.7360

■ 231.7240,  
-18.1049, 20.4131

■ 251.6260, -2.7736,  
2.9590

■ 222.3030,  
-26.2784, 28.6753

255.0000, 0.0000,  
0.0000

■ 212.4090,  
-33.7256, 37.3523

■ 202.4010,  
-41.6097, 46.1293

■ 193.0940,  
-49.3463, 54.2916

■ 183.0860,  
-57.2304, 63.0686

■ 173.1920,  
-64.6777, 71.7456

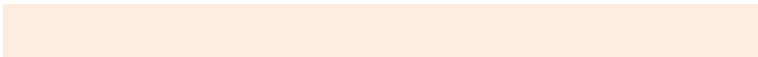
■ 163.7710,  
-72.8511, 80.0078

■ 157.2510,  
-77.5247, 85.7259

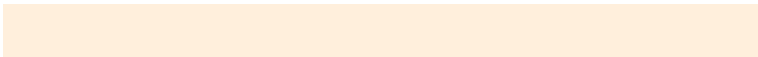
# Harmonies

## Analogous

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



240.4270, -7.6055, 12.7805



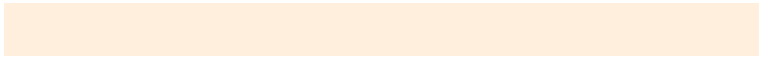
241.6180, -10.6577, 11.7360



240.3780, -10.0464, 2.2995

# Triad

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



241.6180, -10.6577, 11.7360



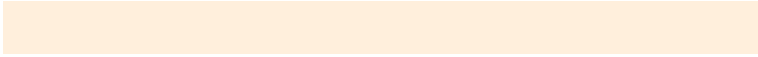
237.8340, 5.0118, -20.9024



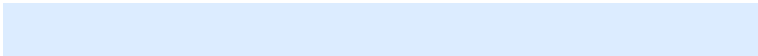
243.2380, 5.7987, 6.8073

# Complementary

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



241.6180, -10.6577, 11.7360



233.3820, 10.6577, -11.7360

# Split Complementary

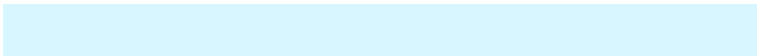
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.1120, 6.8468, -2.7292



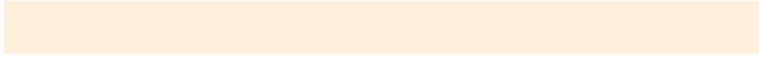
241.6180, -10.6577, 11.7360



238.0560, 8.3534, -19.3431

# Square

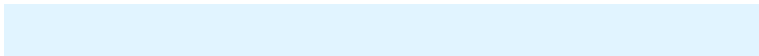
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.6180, -10.6577, 11.7360



238.2600, -1.1142, -16.0140



239.5730, 7.6055, -12.7805

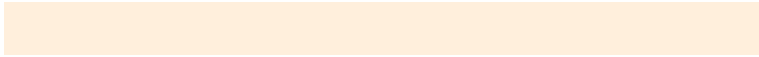


241.6470, 2.1460, 11.7106



# Rectangle

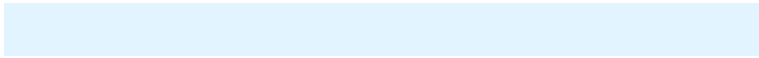
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.6180, -10.6577, 11.7360



239.6160, -7.6987, -4.0482



239.5730, 7.6055, -12.7805



242.6290, 6.0989, 3.8334

# Sweetspot

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



241.6180, -10.6577, 11.7360



250.9250, -2.9210, 3.5738



232.2890, 1.8295, 19.9175



125.4410, -2.1894, 2.2442



0.0000, 0.0000, 0.0000

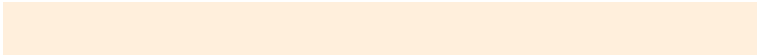


128.0000, 0.0000, 0.0000

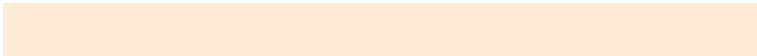


# Same Dimension

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



241.6180, -10.6577, 11.7360



239.1730, -12.4103, 13.8803



250.7110, -15.1405, 2.8845



122.9960, -3.9420, 4.3885



118.1570, -58.2514, 63.8833

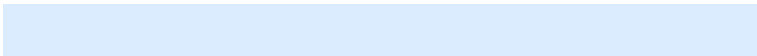


39.6810, -19.5627, 21.3278

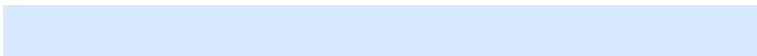


# Inverse Universe

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



233.3820, 10.6577, -11.7360



229.8270, 12.4103, -13.8803



224.2890, 15.1405, -2.8845



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833

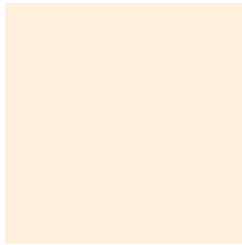


24.3190, 19.5627, -21.3278



# Previews

## White Background



This preview shows how the YUV color 241.6180, -10.6577, 11.7360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

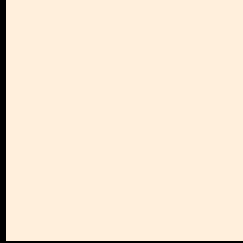
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.6180, -10.6577, 11.7360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

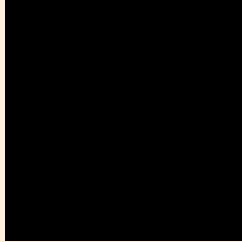
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 241.6180, -10.6577, 11.7360

## Background



This preview shows how black text looks on a background with the YUV color 241.6180, -10.6577, 11.7360.



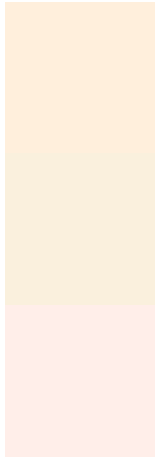
This preview shows how white text looks on a background with the YUV color 241.6180, -10.6577, 11.7360.

11.7360.

# 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

241.6180, -10.6577, 11.7360

### Protanopia

240.8240, -9.7732, 8.0474

### Deuteranopia

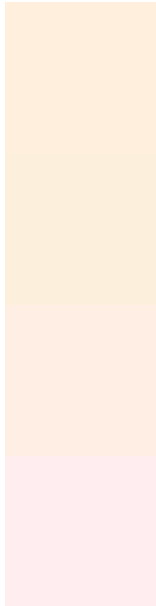
242.5130, -4.6899, 10.9511



## Tritanopia

243.2770, 3.3144, 10.2811

# Trichromacy



## Original Color

241.6180, -10.6577, 11.7360

## Protanomaly

241.4220, -10.0680, 9.2769

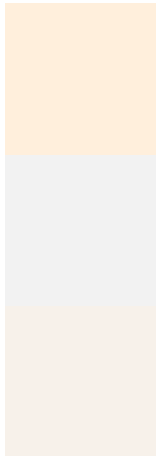
## Deuteranomaly

241.9430, -6.8739, 11.4510

## Tritanomaly

242.6100, -1.7797, 10.8660

# Monochromacy



## Original Color

241.6180, -10.6577, 11.7360

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

241.9960, -3.9420, 4.3885

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.6180, -10.6577, 11.7360 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 220) }
```

## Border

The CSS property to change the border of an element to YUV 241.6180, -10.6577, 11.7360 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, 220) }
```



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

```
.border{ border-color:rgb(255, 239, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 241.6180, -10.6577, 11.7360 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
239, 220) }
```

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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