

# Converting Colors

YUV(247.1640, -2.0529, 5.1182)

Have a look what the booklet for  
YUV(247.1640, -2.0529, 5.1182)  
contains.

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# Color

**YUV(247.1640, -2.0529,  
5.1182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDF5F3
RGB	253, 245, 243
RGB Percent	99%, 96%, 95%
CMY	0.0078, 0.0392, 0.0471
CMYK	0.00, 0.03, 0.04, 0.01
HSL	12°, 71%, 97%
HSV	12°, 4%, 99%
XYZ	89.3381, 92.6585, 97.9703
YIQ	247.1640, 5.4100, 1.0740

# Conversions

## Conversions Part 2

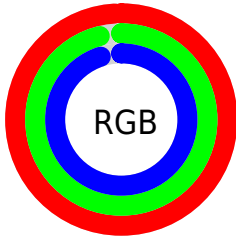
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	253, 246, 243
Decimal	16643571
CIE Lab	97.09, 2.33, 1.90
CIE LCh	97, 3.006, 39.180
Yxy	92.6585, 0.3191, 0.3310
Android (android.graphics.Color)	4294833651 (0xFFFD5F3)
YUV	247.1640, -2.0529, 5.1182
Hunter-Lab	96.2593, -2.7882, 7.0376

# Details

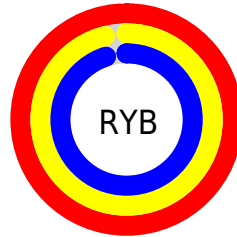
The YUV color  $247.1640, -2.0529, 5.1182$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $248.8360, 2.0529, -5.1182$ , and the grayscale version is  $247.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $190.8650, -1.9054, 4.5034$  is the 20% darker color. If you saturate the color by 10%, you get  $232.5740, -7.1850, 17.9136$ , and if you desaturate by 10%, it is  $254.4020, 0.2948, -1.2296$ .

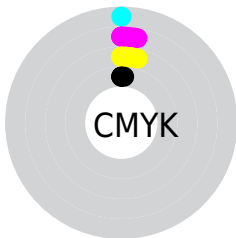
# Distribution



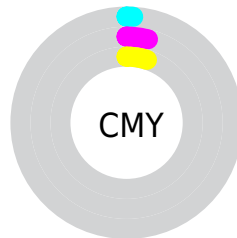
- Red (99%)
- Green (96%)
- Blue (95%)



- Red (99%)
- Yellow (96%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 247.1640, -2.0529, 5.1182 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 247.1640, -2.0529, 5.1182 by changing the saturation by 10% instead.



 247.1640, -2.0529,  
5.1182

 247.1640, -2.0529,  
5.1182


255.0000, 0.0000,  
0.0000


 218.8650, -1.9054,  
4.5034

 190.8650, -1.9054,  
4.5034

 163.8650, -1.9054,  
4.5034

 137.8650, -1.9054,  
4.5034

 111.9790, -1.4686,  
4.4034

 87.5660, -1.7580,  
3.8886

 64.5660, -1.7580,

3.8886

■ 42.5660, -1.7580,  
3.8886

■ 21.6800, -1.3212,  
3.7886

■ 247.1640, -2.0529,  
5.1182

■ 247.1640, -2.0529,  
5.1182

■ 232.5740, -7.1850,  
17.9136

254.4020, 0.2948,  
-1.2296

■ 217.8700,  
-12.7539, 30.8090

■ 202.6930,  
-17.5966, 44.1192

■ 188.1030,  
-22.7288, 56.9147

■ 173.3990,  
-28.2977, 69.8101

■ 158.8090,  
-33.4298, 82.6055

■ 143.6320,  
-38.2726, 95.9157

■ 129.0420,  
-43.4047, 108.7112

■ 114.3380,  
-48.9736, 121.6066

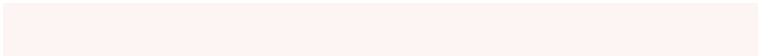
# Harmonies

## Analogous

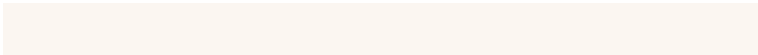
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.5060, -0.7425, 4.8182



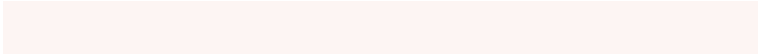
247.1640, -2.0529, 5.1182



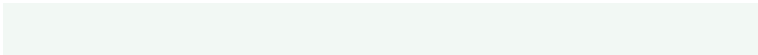
246.9250, -2.9210, 3.5738

# Triad

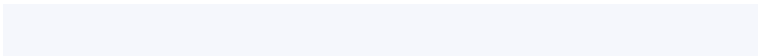
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.1640, -2.0529, 5.1182



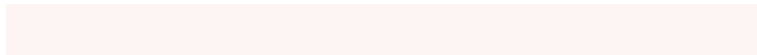
245.7500, -0.8628, -3.2887



246.9720, 2.4788, -1.7294

# Complementary

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



247.1640, -2.0529, 5.1182



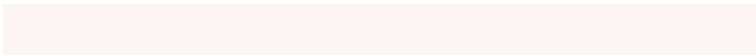
248.8360, 2.0529, -5.1182

# Split Complementary

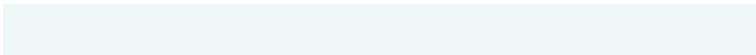
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.0750, 2.9210, -3.5738



247.1640, -2.0529, 5.1182



245.4940, 0.7425, -4.8182

# Square

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



247.1640, -2.0529, 5.1182



246.4190, -2.1786, -1.2445



245.8360, 2.0529, -5.1182

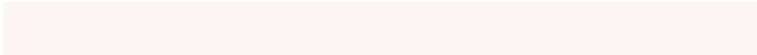


247.1680, 1.8892, 0.7297



# Rectangle

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



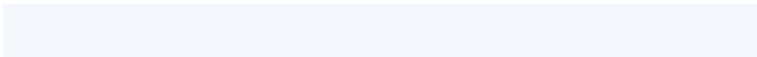
247.1640, -2.0529, 5.1182



246.3270, -2.6262, 2.3442



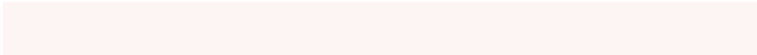
245.8360, 2.0529, -5.1182



246.6730, 2.6262, -2.3442

# Sweetspot

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



247.1640, -2.0529, 5.1182



253.4840, -0.7316, 1.3295



246.9020, 2.0203, 5.3479



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000

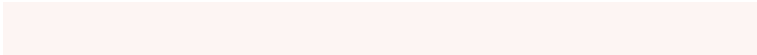


128.0000, 0.0000, 0.0000

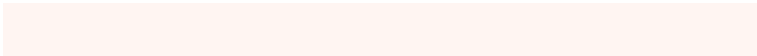


# Same Dimension

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



247.1640, -2.0529, 5.1182



247.6480, -2.7845, 6.4477



250.0990, -3.4998, 2.5442



122.9790, -1.4686, 4.4034



79.4150, -39.1516, 97.8600

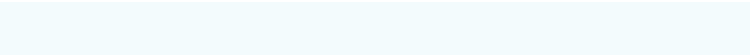


26.7670, -13.1961, 32.6533

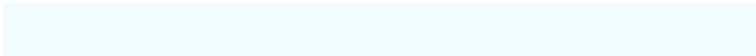


# Inverse Universe

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



248.8360, 2.0529, -5.1182



249.3520, 2.7845, -6.4477



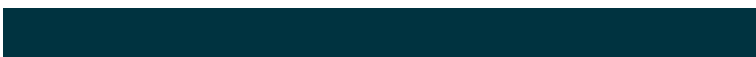
245.9010, 3.4998, -2.5442



124.4340, 1.7580, -3.8886



111.5850, 39.1516, -97.8600

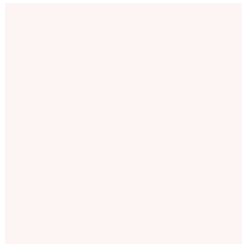


37.2330, 13.1961, -32.6533



# Previews

## White Background



This preview shows how the YUV color 247.1640, -2.0529, 5.1182 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

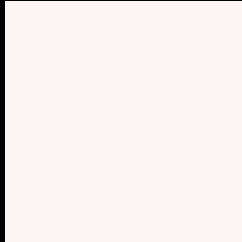
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 247.1640, -2.0529, 5.1182 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

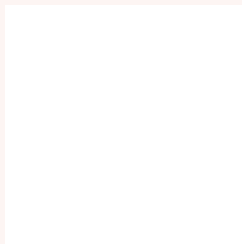
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 247.1640, -2.0529, 5.1182

## Background



This preview shows how black text looks on a background with the YUV color 247.1640, -2.0529, 5.1182.



This preview shows how white text looks on a background with the YUV color 247.1640, -2.0529,



# 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**

247.1640, -2.0529, 5.1182

**Protanopia**

246.8650, -1.9054, 4.5034

**Deuteranopia**

247.5170, -0.7479, 6.5626



## Tritanopia

247.6460, 3.6255, 3.8185

# Trichromacy



**Original Color**

247.1640, -2.0529, 5.1182

**Protanomaly**

246.8650, -1.9054, 4.5034

**Deuteranomaly**

247.1040, -1.0373, 6.0478

**Tritanomaly**

247.1900, 1.8783, 4.2184

# Monochromacy



**Original Color**

247.1640, -2.0529, 5.1182

**Achromatopsia**

247.0000, 0.0000, 0.0000

**Achromatomaly**

246.8970, -0.4422, 1.8443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 247.1640, -2.0529, 5.1182 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(253, 245, 243)` looks like.

```
.text, #text, p{  
    color:rgb(253, 245, 243)  
}
```

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(253, 245, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 245, 243) }
```

## Border

The CSS property to change the border of an element to YUV 247.1640, -2.0529, 5.1182 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(253, 245, 243) }
```



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

```
.border{ border-color:rgb(253, 245, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 245, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 245, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 245, 243);  
box-shadow:4px 4px 4px 4px rgb(253, 245,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 247.1640, -2.0529, 5.1182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 245, 243) }
```

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

```
.background{ background-color: rgb(253,  
245, 243) }
```

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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