

# Converting Colors

YUV(241.9360, -2.9264, 5.3181)

Have a look what the booklet for  
YUV(241.9360, -2.9264, 5.3181)  
contains.

<b>YUV(241.9360, -2.9264, 5.3181)</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(241.9360, -2.9264,  
5.3181)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8F0EC
RGB	248, 240, 236
RGB Percent	97%, 94%, 93%
CMY	0.0275, 0.0588, 0.0745
CMYK	0.00, 0.03, 0.05, 0.03
HSL	20°, 46%, 95%
HSV	20°, 5%, 97%
XYZ	85.0118, 88.3328, 91.9262
YIQ	241.9360, 6.0520, 0.4520

# Conversions

## Conversions Part 2

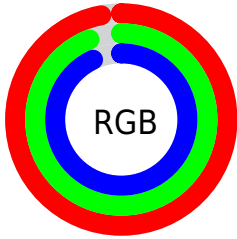
Format	Color
R <sub>Y</sub> B	248, 242, 236
Decimal	16314604
CIE Lab	95.30, 2.00, 2.87
CIE LCh	95, 3.499, 55.148
Yxy	88.3328, 0.3205, 0.3330
Android (android.graphics.Color)	4294504684 (0xFFFBF0EC)
YUV	241.9360, -2.9264, 5.3181
Hunter-Lab	93.9855, -3.0178, 7.7990

# Details

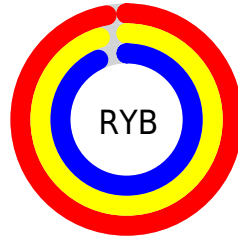
The YUV color  $241.9360, -2.9264, 5.3181$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $242.0640, 2.9264, -5.3181$ , and the grayscale version is  $242.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $185.9360, -2.9264, 5.3181$  is the 20% darker color. If you saturate the color by 10%, you get  $229.1070, -8.9268, 16.5692$ , and if you desaturate by 10%, it is  $252.9070, 1.0318, -4.3034$ .

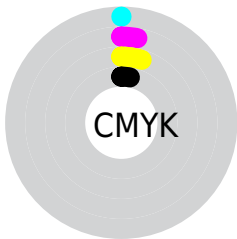
# Distribution



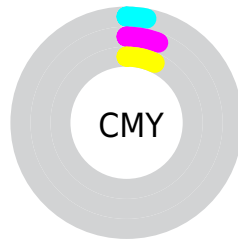
- Red (97%)
- Green (94%)
- Blue (93%)



- Red (97%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 241.9360, -2.9264, 5.3181 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 241.9360, -2.9264, 5.3181 by changing the saturation by 10% instead.



241.9360, -2.9264,  
5.3181

241.9360, -2.9264,  
5.3181

255.0000, 0.0000,  
0.0000

213.6370, -2.7790,  
4.7034

185.9360, -2.9264,  
5.3181

158.9360, -2.9264,  
5.3181

132.7510, -2.3422,  
4.6034

107.7510, -2.3422,  
4.6034

83.4520, -2.1948,  
3.9886

60.4520, -2.1948,

3.9886

■ 38.4520, -2.1948,  
3.9886

■ 17.6370, -2.7790,  
4.7034

■ 241.9360, -2.9264,  
5.3181

■ 241.9360, -2.9264,  
5.3181

■ 229.1070, -8.9268,  
16.5692

■ 252.9070, 1.0318,  
-4.3034

■ 216.8650,  
-15.2164, 27.3054

■ 204.1500,  
-20.7799, 38.4565

■ 191.9080,  
-27.0696, 49.1927

■ 179.0790,  
-33.0699, 60.4437

■ 166.8370,  
-39.3596, 71.1800

■ 154.0080,  
-45.3599, 82.4310

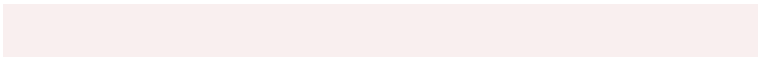
■ 141.8800,  
-51.2128, 93.0672

■ 129.0510,  
-57.2131, 104.3183

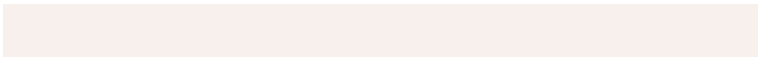
# Harmonies

## Analogous

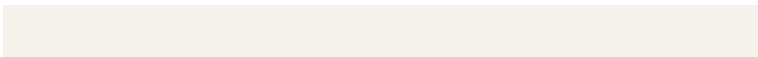
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.9900, -1.4741, 6.1478



241.9360, -2.9264, 5.3181



241.5120, -3.2104, 3.0590

# Triad

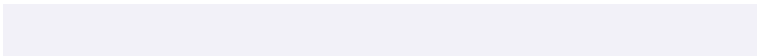
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.9360, -2.9264, 5.3181



240.6680, 0.1637, -5.8478



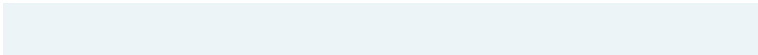
242.0970, 2.9102, -0.0851

# Complementary

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



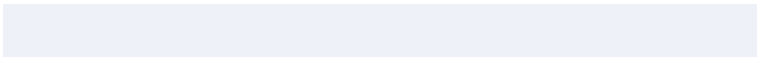
241.9360, -2.9264, 5.3181



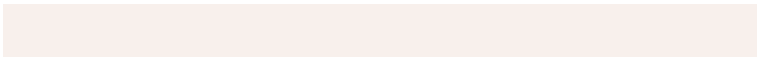
242.0640, 2.9264, -5.3181

# Split Complementary

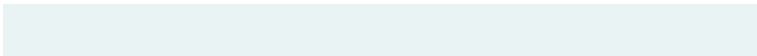
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.4880, 3.2104, -3.0590



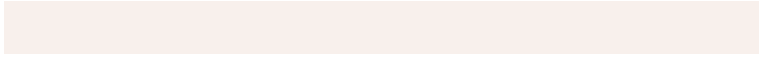
241.9360, -2.9264, 5.3181



240.1240, 1.9109, -6.2477

# Square

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



241.9360, -2.9264, 5.3181



240.5220, -1.7363, -3.0888



241.0640, 2.9264, -5.3181

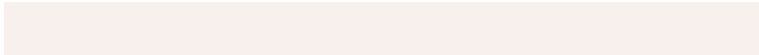


242.0650, 1.4470, 2.5740



# Rectangle

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



241.9360, -2.9264, 5.3181



241.5010, -3.2050, 1.3146



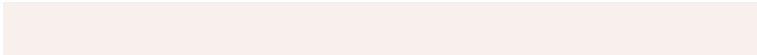
241.0640, 2.9264, -5.3181



241.4990, 3.2050, -1.3146

# Sweetspot

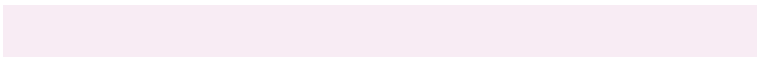
The Sweet Spot groups the original color and five complimentary colors.



241.9360, -2.9264, 5.3181



253.4840, -0.7316, 1.3295



240.5000, 1.7255, 6.5775



127.1850, -0.5842, 0.7148



0.0000, 0.0000, 0.0000

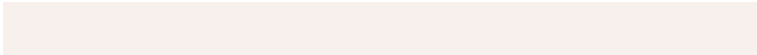


128.0000, 0.0000, 0.0000

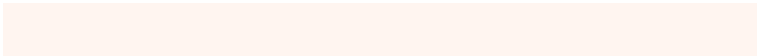


# Same Dimension

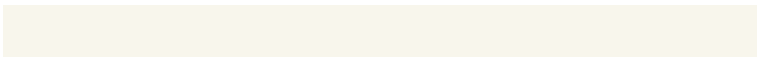
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.9360, -2.9264, 5.3181



247.4200, -3.6581, 6.6477



245.4580, -4.6628, 2.2293



120.4520, -2.1948, 3.9886



93.4920, -46.0916, 83.7605



29.9790, -14.7796, 27.2054

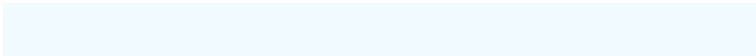


# Inverse Universe

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



242.0640, 2.9264, -5.3181



247.5800, 3.6581, -6.6477



238.5420, 4.6628, -2.2293



120.5480, 2.1948, -3.9886



95.5080, 46.0916, -83.7605

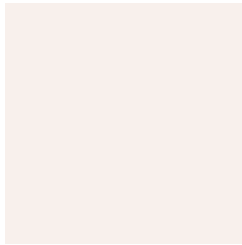


31.0210, 14.7796, -27.2054



# Previews

## White Background



This preview shows how the YUV color 241.9360, -2.9264, 5.3181 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

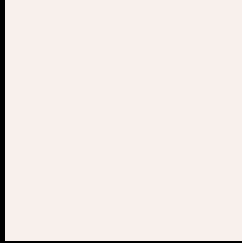
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 241.9360, -2.9264, 5.3181 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

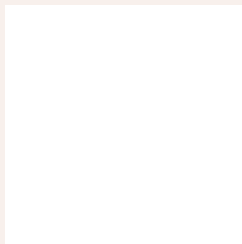
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 241.9360, -2.9264, 5.3181

## Background



This preview shows how black text looks on a background with the YUV color 241.9360, -2.9264, 5.3181.



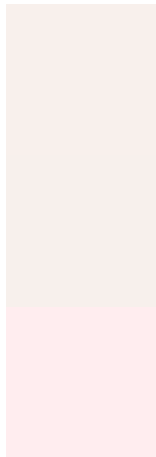
This preview shows how white text looks on a background with the YUV color 241.9360, -2.9264,

5.3181.

# 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

241.9360, -2.9264, 5.3181

### Protanopia

241.6370, -2.7790, 4.7034

### Deuteranopia

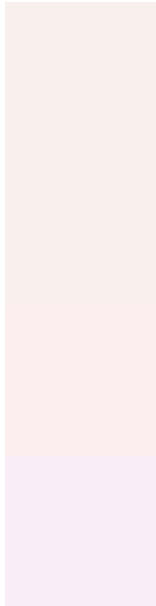
242.6100, -1.7797, 10.8660



## Tritanopia

242.9390, 5.9461, 6.1925

# Trichromacy



## Original Color

241.9360, -2.9264, 5.3181

## Protanomaly

241.6370, -2.7790, 4.7034

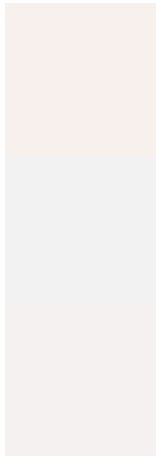
## Deuteranomaly

242.1860, -2.0637, 8.6069

## Tritanomaly

242.4290, 2.7465, 5.7628

# Monochromacy



## Original Color

241.9360, -2.9264, 5.3181

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

241.7830, -0.8790, 1.9443

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 241.9360, -2.9264, 5.3181 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(248, 240, 236)` looks like.

```
.text, #text, p{  
    color:rgb(248, 240, 236)  
}
```

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(248, 240, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 240, 236) }
```

## Border

The CSS property to change the border of an element to YUV 241.9360, -2.9264, 5.3181 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(248, 240, 236) }
```



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

```
.border{ border-color:rgb(248, 240, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 240, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 240, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 240, 236);  
box-shadow:4px 4px 4px 4px rgb(248, 240,  
236) }
```

# Background

The CSS property to change the background color of an element to YUV 241.9360, -2.9264, 5.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 240, 236) }
```

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

```
.background{ background-color: rgb(248,  
240, 236) }
```

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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