

# Converting Colors

YUV(242.3910, -16.4618,  
6.6731)

Have a look what the booklet for  
YUV(242.3910, -16.4618, 6.6731)  
contains.

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# Color

**YUV(242.3910, -16.4618,  
6.6731)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF5D1
RGB	250, 245, 209
RGB Percent	98%, 96%, 82%
CMY	0.0196, 0.0392, 0.1804
CMYK	0.00, 0.02, 0.16, 0.02
HSL	53°, 80%, 90%
HSV	53°, 16%, 98%
XYZ	83.5854, 90.2323, 73.3327
YIQ	242.3910, 14.5360, -10.1360

# Conversions

## Conversions Part 2

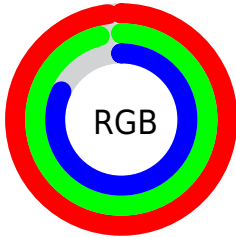
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 250, 209
Decimal	16446929
CIE Lab	96.09, -4.12, 17.95
CIE LCh	96, 18.420, 102.939
Yxy	90.2323, 0.3382, 0.3651
Android (android.graphics.Color)	4294637009 (0xFFFAF5D1)
YUV	242.3910, -16.4618, 6.6731
Hunter-Lab	94.9907, -9.1657, 20.7216

# Details

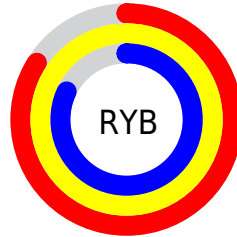
The YUV color  $242.3910, -16.4618, 6.6731$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $216.6090, 16.4618, -6.6731$ , and the grayscale version is  $243.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $186.2060, -15.8776, 5.9583$  is the 20% darker color. If you saturate the color by 10%, you get  $237.7800, -26.5135, 10.7169$ , and if you desaturate by 10%, it is  $247.0020, -6.4100, 2.6292$ .

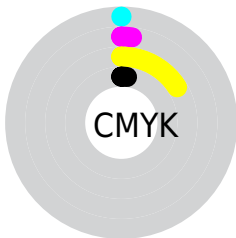
# Distribution



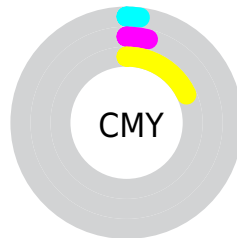
- Red (98%)
- Green (96%)
- Blue (82%)



- Red (84%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (2%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 242.3910, -16.4618, 6.6731 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 242.3910, -16.4618, 6.6731 by changing the saturation by 10% instead.



■ 242.3910,  
-16.4618, 6.6731

■ 242.3910,  
-16.4618, 6.6731

255.0000, 0.0000,  
0.0000

■ 214.0920,  
-16.3144, 6.0583

■ 186.2060,  
-15.8776, 5.9583

■ 159.3200,  
-15.4408, 5.8584

■ 133.1350,  
-14.8566, 5.1436

■ 107.6620,  
-14.1304, 5.5584

■ 83.4770, -13.5462,  
4.8437

■ 60.2920, -12.9620,

4.1289

■ 38.1070, -12.3778,  
3.4142

■ 18.3070, -9.0254,  
1.4848

■ 242.3910,  
-16.4618, 6.6731

■ 242.3910,  
-16.4618, 6.6731

■ 237.7800,  
-26.5135, 10.7169

■ 247.0020, -6.4100,  
2.6292

■ 233.1690,  
-36.5653, 14.7608

■ 251.1570, 1.8946,  
-1.0147

■ 228.5580,  
-46.6171, 18.8046

■ 252.9180, 1.0264,  
-2.5591

■ 223.9470,  
-56.6689, 22.8485

■ 253.5050, 0.7370,  
-3.0739

■ 219.3360,  
-66.7206, 26.8923

■ 214.7250,  
-76.7724, 30.9362

■ 210.1140,  
-86.8242, 34.9800

■ 205.5030,  
-96.8760, 39.0239

■ 203.8900,  
-100.5178, 40.4385

# Harmonies

## Analogous

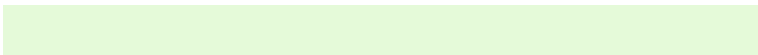
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.4780, -15.0257, 12.7358



242.3910, -16.4618, 6.6731



239.9590, -11.3188, -9.6110

# Triad

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



242.3910, -16.4618, 6.6731



237.0820, 8.8336, -33.3979



242.0860, 6.3666, 11.3256

# Complementary

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



242.3910, -16.4618, 6.6731



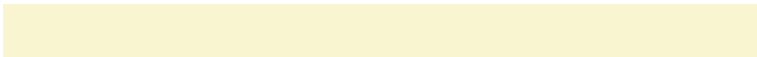
216.6090, 16.4618, -6.6731

# Split Complementary

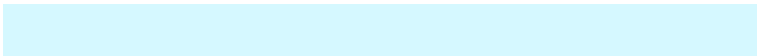
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.4340, 5.2090, 9.2664



242.3910, -16.4618, 6.6731



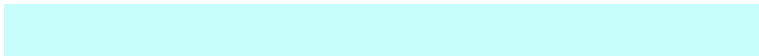
238.3330, 8.2168, -22.2170

# Square

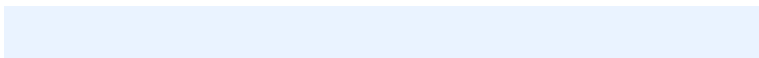
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



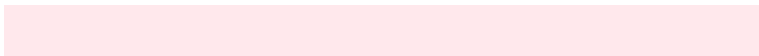
242.3910, -16.4618, 6.6731



237.2130, 6.7970, -33.5128



241.6770, 6.5682, -6.7327

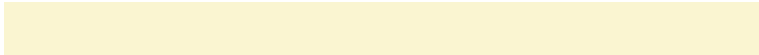


239.3330, -1.6432, 13.7400

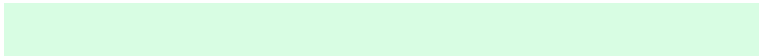


# Rectangle

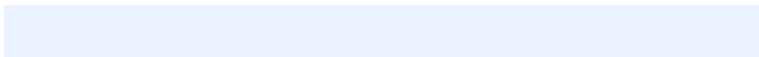
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.3910, -16.4618, 6.6731



238.9730, -5.9027, -20.1473



241.6770, 6.5682, -6.7327



242.6730, 6.0772, 10.8108

# Sweetspot

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



242.3910, -16.4618, 6.6731



252.3440, -5.0996, 2.3293



221.8290, -3.8597, 24.7060



126.5010, -3.2050, 1.3146



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

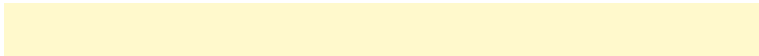


# Same Dimension

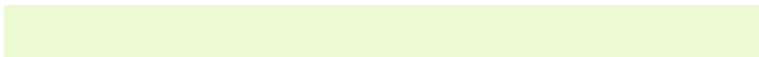
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.3910, -16.4618, 6.6731



245.6640, -20.5404, 8.1877



240.8410, -15.6976, -5.1226



122.3440, -5.0996, 2.3293



153.9530, -75.8988, 30.7362



49.9370, -24.6189, 9.7023



# Inverse Universe

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



216.6090, 16.4618, -6.6731



213.3360, 20.5404, -8.1877



218.1590, 15.6976, 5.1226



114.6560, 5.0996, -2.3293



35.0470, 75.8988, -30.7362

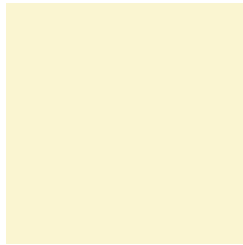


11.0630, 24.6189, -9.7023



# Previews

## White Background



This preview shows how the YUV color 242.3910, -16.4618, 6.6731 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

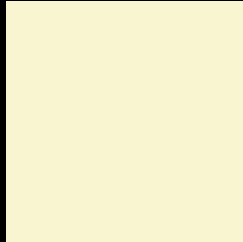
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.3910, -16.4618, 6.6731 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

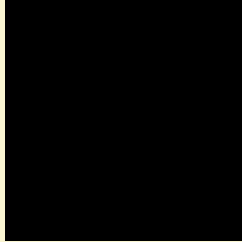
Any Text WCAG AA ✓ Pass

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 242.3910, -16.4618, 6.6731 Background



This preview shows how black text looks on a background with the YUV color 242.3910, -16.4618, 6.6731.



This preview shows how white text looks on a background with the YUV color 242.3910, -16.4618,

6.6731.

# 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

242.3910, -16.4618, 6.6731

### Protanopia

243.0540, -15.3096, 10.4766

### Deuteranopia

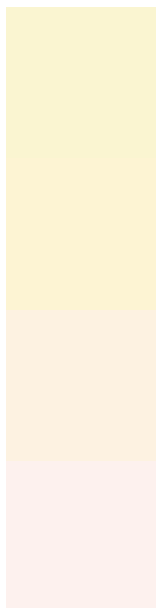
244.3880, -5.1213, 9.3067



## Tritanopia

245.6080, 4.6303, 8.2368

# Trichromacy



## Original Color

242.3910, -16.4618, 6.6731

## Protanomaly

242.9290, -15.7410, 8.8323

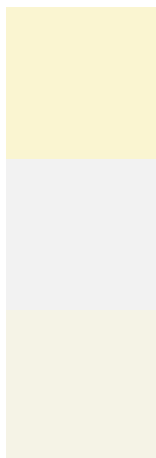
## Deuteranomaly

243.3510, -9.0470, 8.4622

## Tritanomaly

244.2460, -3.0793, 7.6773

# Monochromacy



## Original Color

242.3910, -16.4618, 6.6731

## Achromatopsia

242.0000, 0.0000, 0.0000

## Achromatomaly

242.1160, -5.9732, 2.5293

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.3910, -16.4618, 6.6731 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(250, 245, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 245, 209)  
}
```

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(250, 245, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 245, 209) }
```

## Border

The CSS property to change the border of an element to YUV 242.3910, -16.4618, 6.6731 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(250, 245, 209) }
```



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

```
.border{ border-color:rgb(250, 245, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 245, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 245, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 245, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 245,  
209) }
```

# Background

The CSS property to change the background color of an element to YUV 242.3910, -16.4618, 6.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 245, 209) }
```

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

```
.background{ background-color: rgb(250,  
245, 209) }
```

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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