

# Converting Colors

YUV(244.4090, -3.6526, 4.9033)

Have a look what the booklet for  
YUV(244.4090, -3.6526, 4.9033)  
contains.

<b>YUV(244.4090, -3.6526, 4.9033)</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(244.4090, -3.6526,  
4.9033)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF3ED
RGB	250, 243, 237
RGB Percent	98%, 95%, 93%
CMY	0.0196, 0.0471, 0.0706
CMYK	0.00, 0.03, 0.05, 0.02
HSL	28°, 57%, 95%
HSV	28°, 5%, 98%
XYZ	86.7610, 90.5396, 93.0239
YIQ	244.4090, 6.0980, -0.3820

# Conversions

## Conversions Part 2

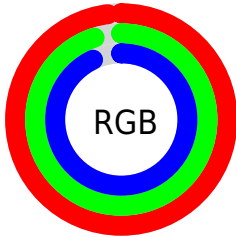
Format	Color
R <sub>Y</sub> B	250, 248, 237
Decimal	16446445
CIE Lab	96.22, 1.32, 3.71
CIE LCh	96, 3.935, 70.416
Yxy	90.5396, 0.3210, 0.3349
Android (android.graphics.Color)	4294636525 (0xFFFAF3ED)
YUV	244.4090, -3.6526, 4.9033
Hunter-Lab	95.1523, -3.7581, 8.6429

# Details

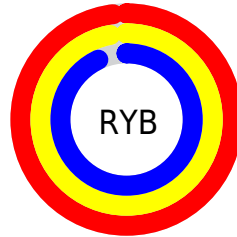
The YUV color  $244.4090, -3.6526, 4.9033$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $242.5910, 3.6526, -4.9033$ , and the grayscale version is  $244.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $188.4090, -3.6526, 4.9033$  is the 20% darker color. If you saturate the color by 10%, you get  $233.9280, -10.8105, 14.0951$ , and if you desaturate by 10%, it is  $253.5050, 0.7370, -3.0739$ .

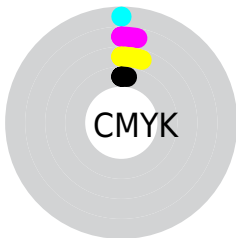
# Distribution



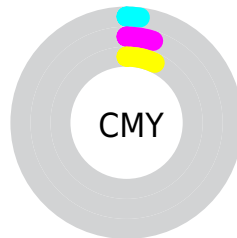
- Red (98%)
- Green (95%)
- Blue (93%)



- Red (98%)
- Yellow (97%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (5%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 244.4090, -3.6526, 4.9033 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 244.4090, -3.6526, 4.9033 by changing the saturation by 10% instead.



244.4090, -3.6526,  
4.9033

244.4090, -3.6526,  
4.9033

255.0000, 0.0000,  
0.0000

216.1100, -3.5052,  
4.2885

188.4090, -3.6526,  
4.9033

161.1100, -3.5052,  
4.2885

135.1100, -3.5052,  
4.2885

109.8110, -3.3578,  
3.6738

85.2240, -3.0684,  
4.1886

61.9250, -2.9210,

3.5738

■ 40.0390, -2.4842,  
3.4738

■ 19.8110, -3.3578,  
3.6738

■ 244.4090, -3.6526,  
4.9033

■ 244.4090, -3.6526,  
4.9033

■ 233.9280,  
-10.8105, 14.0951

■ 253.5050, 0.7370,  
-3.0739

■ 222.8600,  
-17.6790, 23.8018

■ 212.3790,  
-24.8368, 32.9936

■ 201.3110,  
-31.7053, 42.7003

■ 190.8300,  
-38.8632, 51.8921

■ 179.7620,  
-45.7317, 61.5987

■ 169.2810,  
-52.8895, 70.7906

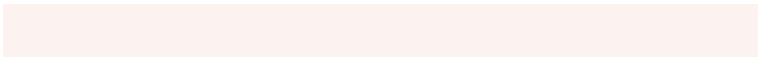
■ 158.2130,  
-59.7580, 80.4972

■ 147.7320,  
-66.9159, 89.6890

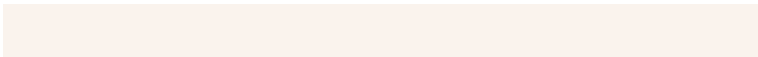
# Harmonies

## Analogous

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



244.6480, -2.7845, 6.4477



244.4090, -3.6526, 4.9033



243.8000, -3.3524, 1.9294

# Triad

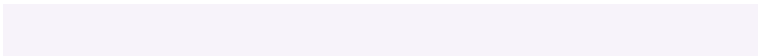
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.4090, -3.6526, 4.9033



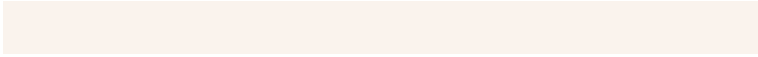
242.5970, 1.1847, -6.6626



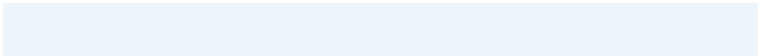
244.9940, 2.4680, 1.7593

# Complementary

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



244.4090, -3.6526, 4.9033



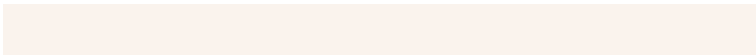
242.5910, 3.6526, -4.9033

# Split Complementary

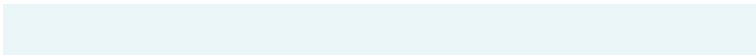
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.3140, 3.7892, -2.0294



244.4090, -3.6526, 4.9033



243.0530, 2.9319, -7.0625

# Square

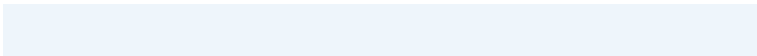
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



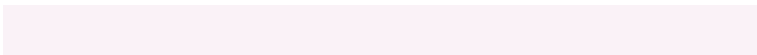
244.4090, -3.6526, 4.9033



243.0380, -1.0047, -4.4183



243.5910, 3.6526, -4.9033

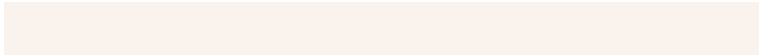


244.9620, 1.0047, 4.4183



# Rectangle

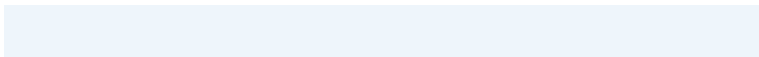
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.4090, -3.6526, 4.9033



243.4900, -3.1996, -0.4297



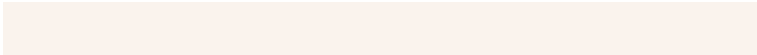
243.5910, 3.6526, -4.9033



244.5100, 3.1996, 0.4297

# Sweetspot

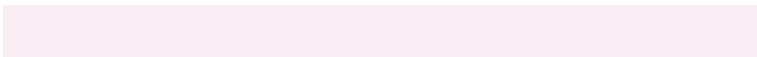
The Sweet Spot groups the original color and five complimentary colors.



244.4090, -3.6526, 4.9033



252.6690, -1.3158, 2.0443



241.6850, 1.1413, 7.2923



126.4840, -0.7316, 1.3295



0.0000, 0.0000, 0.0000

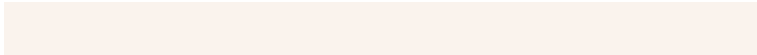


128.0000, 0.0000, 0.0000

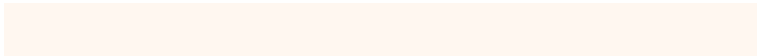


# Same Dimension

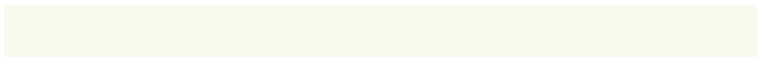
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.4090, -3.6526, 4.9033



248.5940, -4.2368, 5.6181



247.9310, -5.3890, 1.8145



121.0390, -2.4842, 3.4738



107.5800, -53.0369, 71.4053

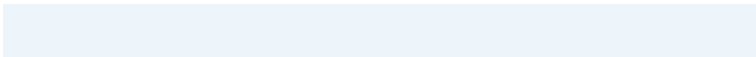


34.6750, -17.0948, 23.0870

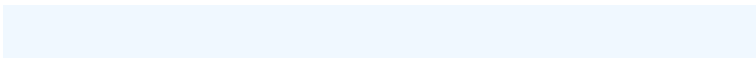


# Inverse Universe

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



242.5910, 3.6526, -4.9033



246.4060, 4.2368, -5.6181



239.0690, 5.3890, -1.8145



119.9610, 2.4842, -3.4738



81.4200, 53.0369, -71.4053

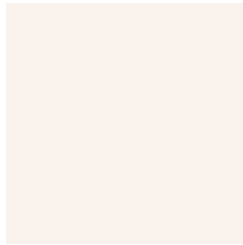


26.3250, 17.0948, -23.0870



# Previews

## White Background



This preview shows how the YUV color 244.4090, -3.6526, 4.9033 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

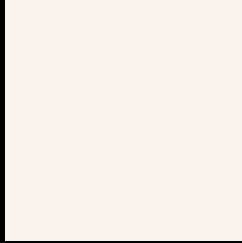
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 244.4090, -3.6526, 4.9033 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

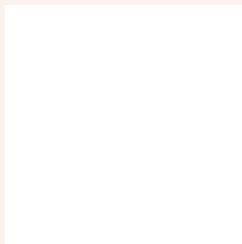
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 244.4090, -3.6526, 4.9033

## Background



This preview shows how black text looks on a background with the YUV color 244.4090, -3.6526, 4.9033.



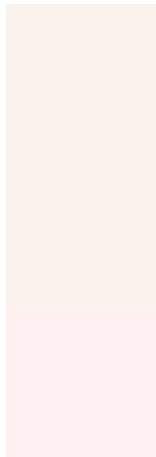
This preview shows how white text looks on a background with the YUV color 244.4090, -3.6526,

4.9033.

# 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

244.4090, -3.6526, 4.9033

### Protanopia

244.4090, -3.6526, 4.9033

### Deuteranopia

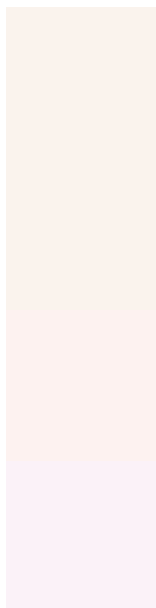
245.3000, -1.6269, 8.5069



## Tritanopia

245.5860, 4.6411, 4.7481

# Trichromacy



## Original Color

244.4090, -3.6526, 4.9033

## Protanomaly

244.4090, -3.6526, 4.9033

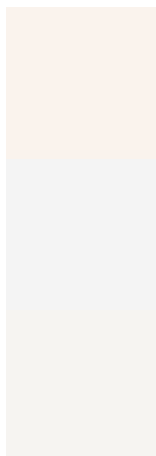
## Deuteranomaly

245.0610, -2.4951, 6.9625

## Tritanomaly

245.3750, 1.2941, 4.9331

# Monochromacy



## Original Color

244.4090, -3.6526, 4.9033

## Achromatopsia

244.0000, 0.0000, 0.0000

## Achromatomaly

244.2560, -1.6052, 1.5295

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 244.4090, -3.6526, 4.9033 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, 243, 237)` looks like.

```
.text, #text, p{  
    color:rgb(250, 243, 237)  
}
```

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, 243, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 243, 237) }
```

## Border

The CSS property to change the border of an element to YUV 244.4090, -3.6526, 4.9033 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, 243, 237) }
```



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

```
.border{ border-color:rgb(250, 243, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 243, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 243, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 243, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 243,  
237) }
```

# Background

The CSS property to change the background color of an element to YUV 244.4090, -3.6526, 4.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 243, 237) }
```

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

```
.background{ background-color: rgb(250,  
243, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor