

# Converting Colors

YUV(244.9620, 1.0047, 4.4183)

Have a look what the booklet for  
YUV(244.9620, 1.0047, 4.4183)  
contains.

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# Color

**YUV(244.9620, 1.0047,  
4.4183)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAF2F7
RGB	250, 242, 247
RGB Percent	98%, 95%, 97%
CMY	0.0196, 0.0510, 0.0314
CMYK	0.00, 0.03, 0.01, 0.02
HSL	322°, 44%, 96%
HSV	322°, 3%, 98%
XYZ	87.9650, 90.5437, 100.8361
YIQ	244.9620, 3.1630, 3.2510

# Conversions

## Conversions Part 2

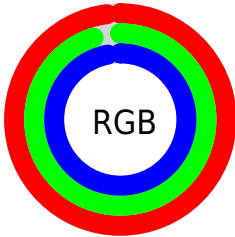
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	250, 242, 247
Decimal	16446199
CIE <sub>Lab</sub>	96.22, 3.54, -1.46
CIE <sub>LCh</sub>	96, 3.834, 337.608
Y <sub>xy</sub>	90.5437, 0.3149, 0.3241
Android (android.graphics.Color)	4294636279 (0xFFFAF2F7)
Y <sub>UV</sub>	244.9620, 1.0047, 4.4183
Hunter-Lab	95.1544, -1.5069, 3.7779

# Details

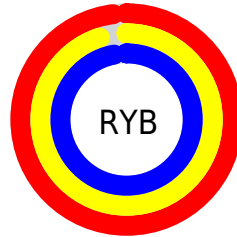
The YUV color `244.9620, 1.0047, 4.4183` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `247.0380, -1.0047, -4.4183`, and the grayscale version is `245.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `188.9620, 1.0047, 4.4183` is the 20% darker color. If you saturate the color by 10%, you get `229.2610, 4.3083, 18.1881`, and if you desaturate by 10%, it is `253.5050, 0.7370, -3.0739`.

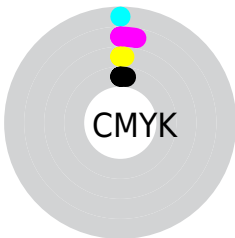
# Distribution



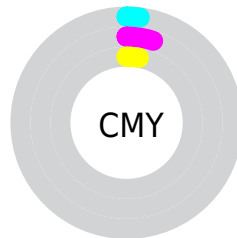
- Red (98%)
- Green (95%)
- Blue (97%)



- Red (98%)
- Yellow (95%)
- Blue (97%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (2%)




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


# Brightness & Saturation Gradients

These gradients show how the YUV color 244.9620, 1.0047, 4.4183 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 244.9620, 1.0047, 4.4183 by changing the saturation by 10% instead.




 244.9620, 1.0047,  
4.4183

 244.9620, 1.0047,  
4.4183

255.0000, 0.0000,  
0.0000


 216.6630, 1.1521,  
3.8035

 188.9620, 1.0047,  
4.4183

 161.6630, 1.1521,  
3.8035

 135.5490, 0.7153,  
3.9035

 110.5490, 0.7153,  
3.9035

 85.6630, 1.1521,  
3.8035

 62.5490, 0.7153,

3.9035

■ 40.8370, 0.5734,  
2.7740

■ 20.2500, 0.8628,  
3.2888

■ 244.9620, 1.0047,  
4.4183

■ 244.9620, 1.0047,  
4.4183

■ 229.2610, 4.3083,  
18.1881

■ 253.5050, 0.7370,  
-3.0739

■ 213.4460, 7.1751,  
32.0579

■ 197.7450, 10.4787,  
45.8276

■ 182.0440, 13.7823,  
59.5974

■ 166.2290, 16.6491,  
73.4672

■ 150.5280, 19.9527,  
87.2369

■ 134.7130, 22.8195,  
101.1067

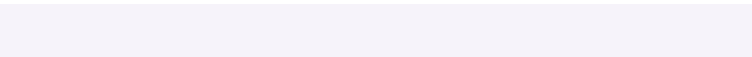
■ 119.0120, 26.1231,  
114.8765

■ 103.3110, 29.4267,  
128.6463

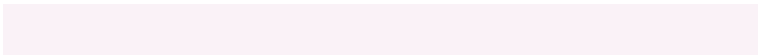
# Harmonies

## Analogous

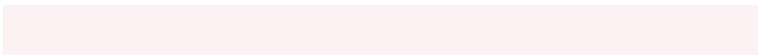
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.6950, 2.6154, 1.1445



244.9620, 1.0047, 4.4183



245.1040, -1.0373, 6.0478

# Triad

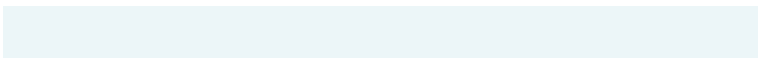
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.9620, 1.0047, 4.4183



243.8000, -3.3524, 1.9294



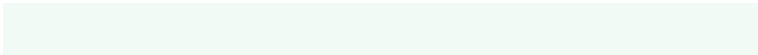
243.2380, 2.3477, -6.3477

# Complementary

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



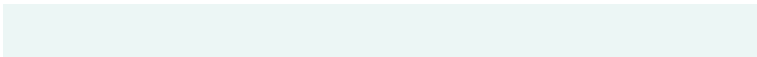
244.9620, 1.0047, 4.4183



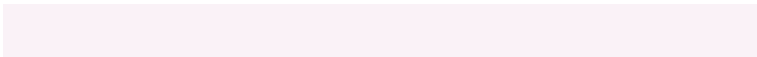
247.0380, -1.0047, -4.4183

# Split Complementary

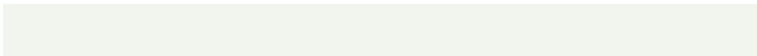
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.8960, 1.0373, -6.0478



244.9620, 1.0047, 4.4183



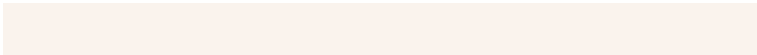
243.3050, -2.6154, -1.1445

# Square

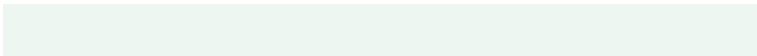
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



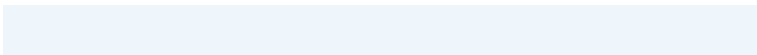
244.9620, 1.0047, 4.4183



244.4090, -3.6526, 4.9033



243.0380, -1.0047, -4.4183

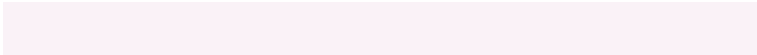


243.5910, 3.6526, -4.9033

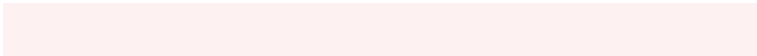


# Rectangle

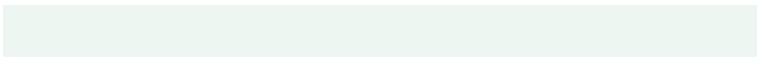
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



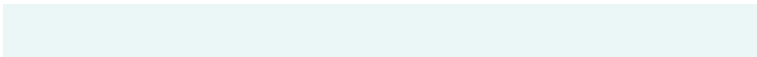
244.9620, 1.0047, 4.4183



245.1750, -2.0583, 6.8625



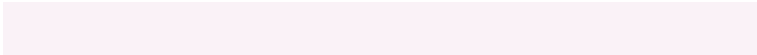
243.0380, -1.0047, -4.4183



242.8250, 2.0583, -6.8625

# Sweetspot

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



244.9620, 1.0047, 4.4183



253.1250, 0.4314, 1.6444



243.8090, 3.0522, 1.0445



126.7120, 0.1420, 1.1296



0.0000, 0.0000, 0.0000

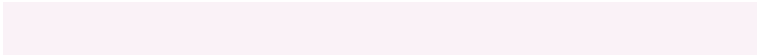


128.0000, 0.0000, 0.0000



# Same Dimension

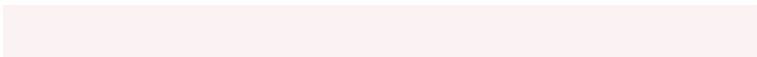
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.9620, 1.0047, 4.4183



248.6740, 1.1467, 5.5479



244.5060, -0.7425, 4.8182



121.2500, 0.8628, 3.2887



69.9630, 23.6822, 104.3954



22.5710, 7.6065, 33.7022



# Inverse Universe

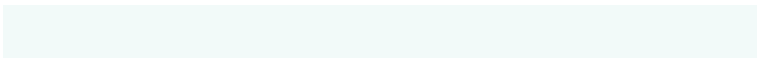
The Inverse Universe completely reimagines the original color for something new.



244.9620, 1.0047, 4.4183



248.6740, 1.1467, 5.5479



247.4940, 0.7425, -4.8182



121.2500, 0.8628, 3.2887



69.9630, 23.6822, 104.3954

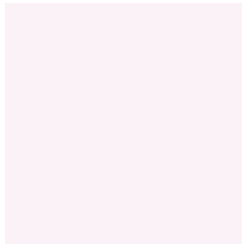


22.5710, 7.6065, 33.7022



# Previews

## White Background



This preview shows how the YUV color 244.9620, 1.0047, 4.4183 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 244.9620, 1.0047, 4.4183 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

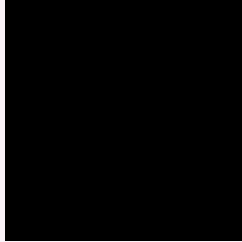
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

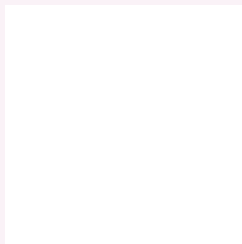
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 244.9620, 1.0047, 4.4183

## Background



This preview shows how black text looks on a background with the YUV color 244.9620, 1.0047, 4.4183.



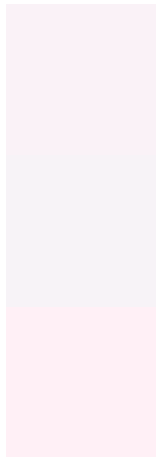
This preview shows how white text looks on a background with the YUV color 244.9620, 1.0047,

4.4133.

# 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

244.9620, 1.0047, 4.4183

### Protanopia

244.6520, 1.1576, 2.0592

### Deuteranopia

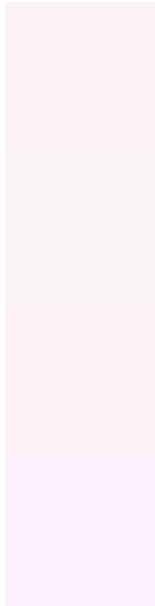
245.1690, 0.4097, 8.6218



## Tritanopia

245.2870, 4.7885, 4.1333

# Trichromacy



## Original Color

244.9620, 1.0047, 4.4183

## Protanomaly

244.9510, 1.0102, 2.6740

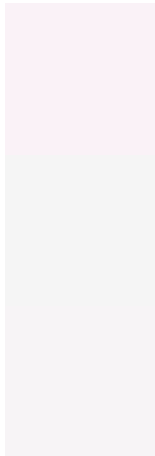
## Deuteranomaly

245.1580, 0.4151, 6.8774

## Tritanomaly

244.9450, 3.4781, 4.4332

# Monochromacy



## Original Color

244.9620, 1.0047, 4.4183

## Achromatopsia

245.0000, 0.0000, 0.0000

## Achromatomaly

245.1250, 0.4314, 1.6444

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 244.9620, 1.0047, 4.4183 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, 242, 247)` looks like.

```
.text, #text, p{  
    color:rgb(250, 242, 247)  
}
```

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, 242, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 242, 247) }
```

## Border

The CSS property to change the border of an element to YUV 244.9620, 1.0047, 4.4183 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, 242, 247) }
```



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

```
.border{ border-color:rgb(250, 242, 247) }
```

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

Here you see how a box with a 4 pixel rgb(250, 242, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 242, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 242, 247);  
box-shadow:4px 4px 4px 4px rgb(250, 242,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 244.9620, 1.0047, 4.4183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 242, 247) }
```

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

```
.background{ background-color: rgb(250,  
242, 247) }
```

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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