

Converting Colors

YUV(243.9620, 1.0047, 4.4183)

Have a look what the booklet for
YUV(243.9620, 1.0047, 4.4183)
contains.

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Color

**YUV(243.9620, 1.0047,
4.4183)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F1F6
RGB	249, 241, 246
RGB Percent	98%, 95%, 96%
CMY	0.0235, 0.0549, 0.0353
CMYK	0.00, 0.03, 0.01, 0.02
HSL	322°, 40%, 96%
HSV	322°, 3%, 98%
XYZ	87.1568, 89.7042, 99.9098
YIQ	243.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

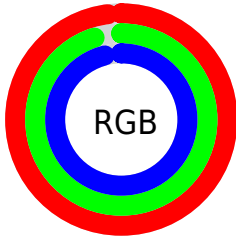
Format	Color
R_{YB}	249, 241, 246
Decimal	16380406
CIE _{Lab}	95.87, 3.55, -1.46
CIE _{LCh}	96, 3.837, 337.609
Y _{xy}	89.7042, 0.3149, 0.3241
Android (android.graphics.Color)	4294570486 (0xFFFF9F1F6)
Y_{UV}	243.9620, 1.0047, 4.4183
Hunter-Lab	94.7123, -1.4860, 3.7550

Details

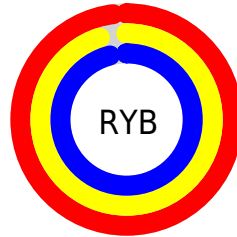
The YUV color `243.9620, 1.0047, 4.4183` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `246.0380, -1.0047, -4.4183`, and the grayscale version is `244.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `187.9620, 1.0047, 4.4183` is the 20% darker color. If you saturate the color by 10%, you get `228.2610, 4.3083, 18.1881`, and if you desaturate by 10%, it is `253.2060, 0.8844, -3.6887`.

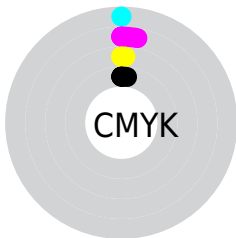
Distribution



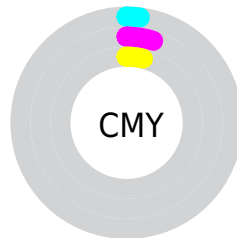
- Red (98%)
- Green (95%)
- Blue (96%)



- Red (98%)
- Yellow (95%)
- Blue (96%)



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



- Cyan (2%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.9620, 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 243.9620, 1.0047, 4.4183 by changing the saturation by 10% instead.


 243.9620, 1.0047,
4.4183

 243.9620, 1.0047,
4.4183

255.0000, 0.0000,
0.0000


 215.6630, 1.1521,
3.8035

 187.9620, 1.0047,
4.4183

 160.6630, 1.1521,
3.8035

 134.5490, 0.7153,
3.9035

 109.5490, 0.7153,
3.9035

 85.2500, 0.8628,
3.2887

 62.2500, 0.8628,

3.2888

■ 40.2500, 0.8628,
3.2887

■ 19.2500, 0.8628,
3.2887

■ 243.9620, 1.0047,
4.4183

■ 243.9620, 1.0047,
4.4183

■ 228.2610, 4.3083,
18.1881

■ 253.2060, 0.8844,
-3.6887

■ 212.4460, 7.1751,
32.0579

■ 196.7450, 10.4787,
45.8276

■ 181.0440, 13.7823,
59.5974

■ 165.8160, 16.3597,
72.9524

■ 150.1150, 19.6633,
86.7221

■ 134.4140, 22.9669,
100.4919

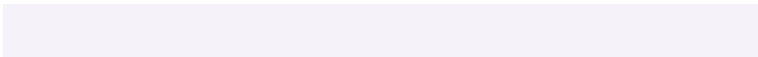
■ 118.5990, 25.8337,
114.3617

■ 102.8980, 29.1373,
128.1315

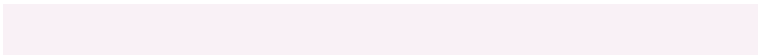
Harmonies

Analogous

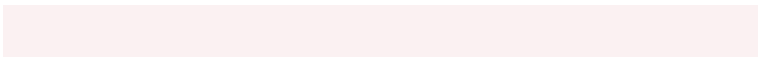
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.6950, 2.6154, 1.1445



243.9620, 1.0047, 4.4183



244.1040, -1.0373, 6.0478

Triad

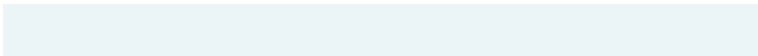
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.9620, 1.0047, 4.4183



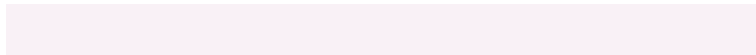
242.8000, -3.3524, 1.9294



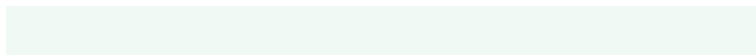
242.2380, 2.3477, -6.3477

Complementary

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



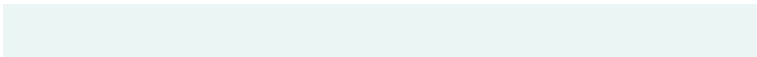
243.9620, 1.0047, 4.4183



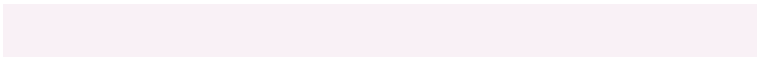
246.0380, -1.0047, -4.4183

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.



241.8960, 1.0373, -6.0478



243.9620, 1.0047, 4.4183



242.3050, -2.6154, -1.1445

Square

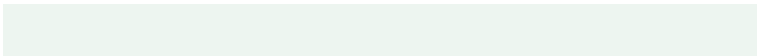
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



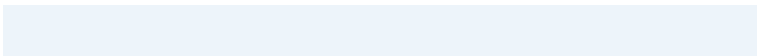
243.9620, 1.0047, 4.4183



243.4090, -3.6526, 4.9033



242.0380, -1.0047, -4.4183



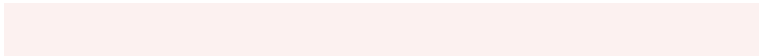
242.5910, 3.6526, -4.9033

Rectangle

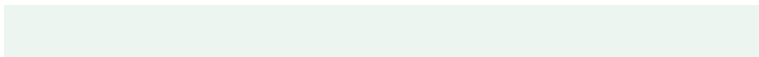
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



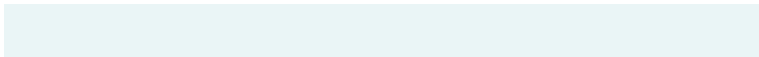
243.9620, 1.0047, 4.4183



244.1750, -2.0583, 6.8625



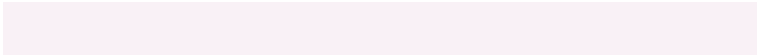
242.0380, -1.0047, -4.4183



241.8250, 2.0583, -6.8625

Sweetspot

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



243.9620, 1.0047, 4.4183



253.1250, 0.4314, 1.6444



242.8090, 3.0522, 1.0445



126.7120, 0.1420, 1.1296



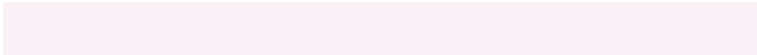
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

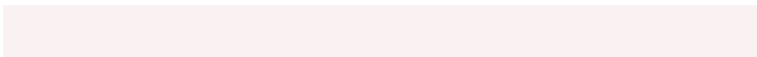
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.9620, 1.0047, 4.4183



248.6740, 1.1467, 5.5479



243.5060, -0.7425, 4.8182



121.2500, 0.8628, 3.2887



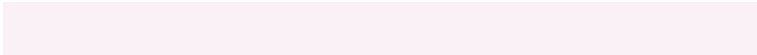
69.9630, 23.6822, 104.3954



22.5710, 7.6065, 33.7022

Inverse Universe

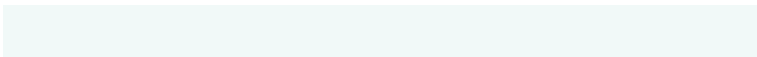
The Inverse Universe completely reimagines the original color for something new.



243.9620, 1.0047, 4.4183



248.6740, 1.1467, 5.5479



246.4940, 0.7425, -4.8182



121.2500, 0.8628, 3.2887



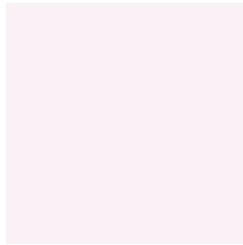
69.9630, 23.6822, 104.3954



22.5710, 7.6065, 33.7022

Previews

White Background



This preview shows how the YUV color 243.9620, 1.0047, 4.4183 looks on a white background.

Color Contrast Check

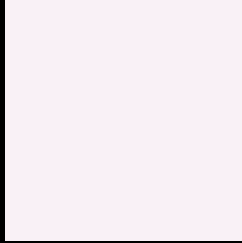
Large Text (above 18pt) WCAG AA × Fail

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 243.9620, 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

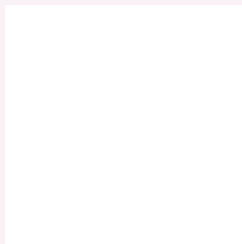
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.9620, 1.0047, 4.4183

Background



This preview shows how black text looks on a background with the YUV color 243.9620, 1.0047, 4.4183.



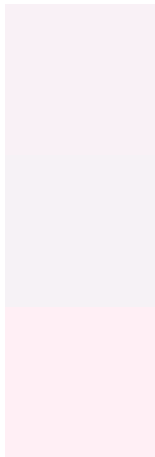
This preview shows how white text looks on a background with the YUV color 243.9620, 1.0047,

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

243.9620, 1.0047, 4.4183

Protanopia

243.6520, 1.1576, 2.0592

Deuteranopia

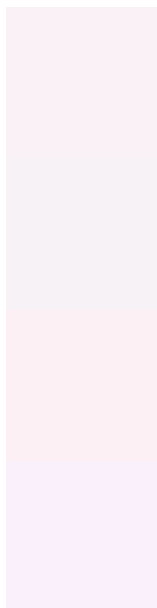
244.4680, 0.2623, 9.2366



Tritanopia

244.4010, 5.2253, 4.0333

Trichromacy



Original Color

243.9620, 1.0047, 4.4183

Protanomaly

243.9510, 1.0102, 2.6740

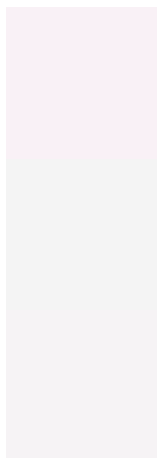
Deuteranomaly

244.4570, 0.2677, 7.4922

Tritanomaly

244.0590, 3.9149, 4.3333

Monochromacy



Original Color

243.9620, 1.0047, 4.4183

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

244.1250, 0.4314, 1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.9620, 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(249, 241, 246)` looks like.

```
.text, #text, p{  
    color:rgb(249, 241, 246)  
}
```

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(249, 241, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 241, 246) }
```

Border

The CSS property to change the border of an element to YUV 243.9620, 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(249, 241, 246) }
```


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

```
.border{ border-color:rgb(249, 241, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 241, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 241, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 241, 246);  
box-shadow:4px 4px 4px 4px rgb(249, 241,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 243.9620, 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(249, 241, 246) }
```

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

```
.background{ background-color: rgb(249,  
241, 246) }
```

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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