

Converting Colors

YUV(243.4810, -9.6041, 0.4552)

Have a look what the booklet for
YUV(243.4810, -9.6041, 0.4552)
contains.

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Color

**YUV(243.4810, -9.6041,
0.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F7E0
RGB	244, 247, 224
RGB Percent	96%, 97%, 88%
CMY	0.0431, 0.0314, 0.1216
CMYK	0.01, 0.00, 0.09, 0.03
HSL	68°, 59%, 92%
HSV	68°, 9%, 97%
XYZ	84.0235, 91.1364, 83.6836
YIQ	243.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

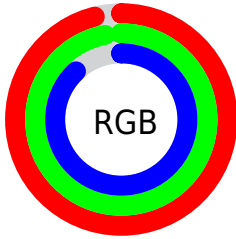
Format	Color
R_{YB}	224, 247, 227
Decimal	16054240
CIE Lab	96.47, -4.90, 10.71
CIE LCh	96, 11.775, 114.577
Yxy	91.1364, 0.3246, 0.3521
Android (android.graphics.Color)	4294244320 (0xFFFF4F7E0)
YUV	243.4810, -9.6041, 0.4552
Hunter-Lab	95.4654, -9.9583, 14.8530

Details

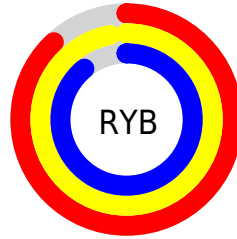
The YUV color $243.4810, -9.6041, 0.4552$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $227.5190, 9.6041, -0.4552$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $187.5950, -9.1673, 0.3552$ is the 20% darker color. If you saturate the color by 10%, you get $239.7340, -20.0819, 1.1103$, and if you desaturate by 10%, it is $247.2280, 0.8736, -0.2000$.

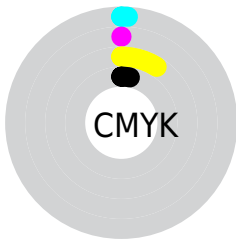
Distribution



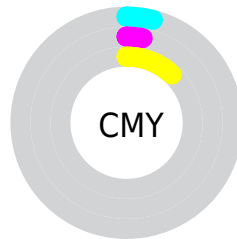
- Red (96%)
- Green (97%)
- Blue (88%)



- Red (88%)
- Yellow (97%)
- Blue (89%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)





- Cyan (4%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.4810, -9.6041, 0.4552 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 243.4810, -9.6041, 0.4552 by changing the saturation by 10% instead.

 243.4810, -9.6041,
0.4552

 243.4810, -9.6041,
0.4552

255.0000, 0.0000,
0.0000


 215.4810, -9.6041,
0.4552

 187.5950, -9.1673,
0.3552

 160.5950, -9.1673,
0.3552

 133.8230, -8.2937,
0.1552

 108.8230, -8.2937,
0.1552

 84.9370, -7.8569,
0.0553

 61.0510, -7.4201,

-0.0447

■ 39.1650, -6.9833,
-0.1447

■ 18.8940, -9.3147,
0.9700

■ 243.4810, -9.6041,
0.4552

■ 243.4810, -9.6041,
0.4552

■ 239.7340,
-20.0819, 1.1103

■ 247.2280, 0.8736,
-0.2000

■ 236.1010,
-30.1228, 1.6654

■ 248.8090, 3.0522,
1.0445

■ 232.0550,
-40.4531, 1.7058

■ 250.0050, 2.4625,
3.5036

■ 228.3080,
-50.9308, 2.3609

■ 250.3040, 2.3151,
4.1184

■ 224.6750,
-60.9718, 2.9160

■ 220.9280,
-71.4495, 3.5711

■ 216.8820,
-81.7798, 3.6115

■ 213.1350,
-92.2576, 4.2666

■ 209.5020,
-102.2985, 4.8217

Harmonies

Analogous

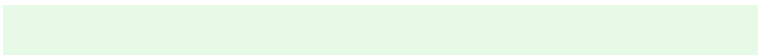
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.1940, -10.9416, 9.4769



243.4810, -9.6041, 0.4552



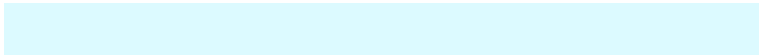
242.1530, -5.4984, -9.7812

Triad

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



243.4810, -9.6041, 0.4552



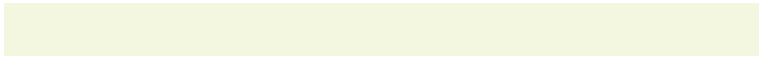
241.6000, 6.6062, -18.9432



243.5220, 1.7147, 10.0662

Complementary

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



243.4810, -9.6041, 0.4552



227.5190, 9.6041, -0.4552

Split Complementary

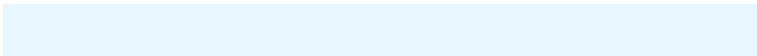
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6080, 4.6303, 8.2368



243.4810, -9.6041, 0.4552



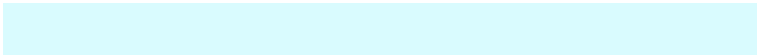
242.5410, 6.1423, -10.1215

Square

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



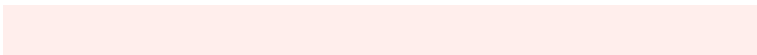
243.4810, -9.6041, 0.4552



241.1760, 6.3222, -21.2024



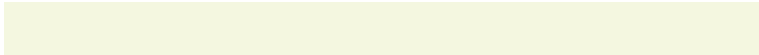
244.9660, 4.9468, 0.0298



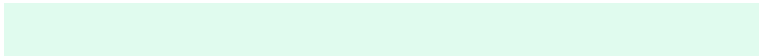
242.8550, -3.3795, 10.6512

Rectangle

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



243.4810, -9.6041, 0.4552



241.4450, -1.6984, -15.2993



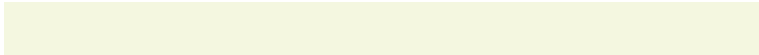
244.9660, 4.9468, 0.0298



244.5650, 3.1725, 9.1515

Sweetspot

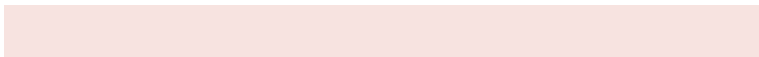
The Sweet Spot groups the original color and five complimentary colors.



243.4810, -9.6041, 0.4552



253.7890, -3.3470, 0.1850



232.6380, -4.2585, 12.5955



127.0170, -2.4734, -0.0149



0.0000, 0.0000, 0.0000



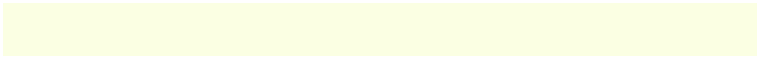
128.0000, 0.0000, 0.0000

Same Dimension

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



243.4810, -9.6041, 0.4552



250.6120, -11.6407, 0.3403



240.1920, -7.9827, -6.3074



120.3330, -5.0942, 0.5850



157.6200, -77.7067, 3.8413



49.8820, -24.5918, 0.9805

Inverse Universe

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



227.5190, 9.6041, -0.4552



231.3880, 11.6407, -0.3403



230.8080, 7.9827, 6.3074



111.9660, 4.9468, 0.0298



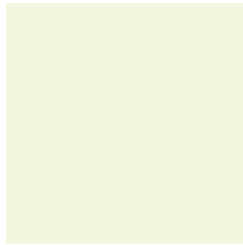
28.3800, 77.7067, -3.8413



9.1180, 24.5918, -0.9805

Previews

White Background



This preview shows how the YUV color 243.4810, -9.6041, 0.4552 looks on a white background.

Color Contrast Check

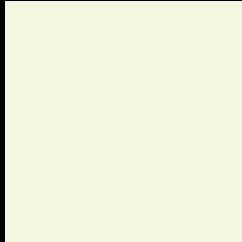
Large Text (above 18pt) WCAG AA × Fail

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 243.4810, -9.6041, 0.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

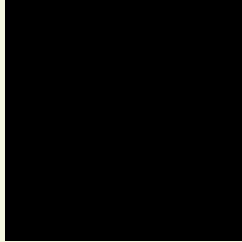
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

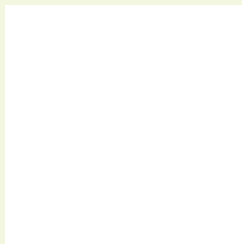
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.4810, -9.6041, 0.4552

Background



This preview shows how black text looks on a background with the YUV color 243.4810, -9.6041, 0.4552.



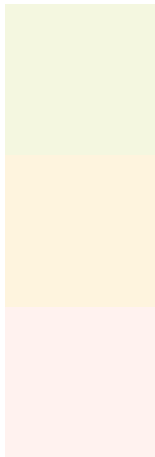
This preview shows how white text looks on a background with the YUV color 243.4810, -9.6041,

0.4552.

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

243.4810, -9.6041, 0.4552

Protanopia

244.4820, -11.0836, 8.3473

Deuteranopia

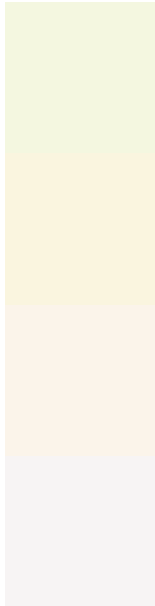
245.5450, -3.2267, 8.2920



Tritanopia

245.8630, 4.5045, 1.8741

Trichromacy



Original Color

243.4810, -9.6041, 0.4552

Protanomaly

243.9870, -10.3466, 5.2734

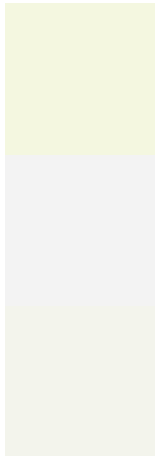
Deuteranomaly

244.9530, -5.3998, 5.3032

Tritanomaly

244.8970, -0.4422, 1.8443

Monochromacy



Original Color

243.4810, -9.6041, 0.4552

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

242.7890, -3.3470, 0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.4810, -9.6041, 0.4552 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(244, 247, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 224)  
}
```

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(244, 247, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 224) }
```

Border

The CSS property to change the border of an element to YUV 243.4810, -9.6041, 0.4552 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(244, 247, 224) }
```


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

```
.border{ border-color:rgb(244, 247, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 243.4810, -9.6041, 0.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 224) }
```

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

```
.background{ background-color: rgb(244,  
247, 224) }
```

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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