

Converting Colors

YUV(243.4590, -9.5933, -3.0335)

Have a look what the booklet for
YUV(243.4590, -9.5933, -3.0335)
contains.

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Color

**YUV(243.4590, -9.5933,
-3.0335)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F9E0
RGB	240, 249, 224
RGB Percent	94%, 98%, 88%
CMY	0.0588, 0.0235, 0.1216
CMYK	0.04, 0.00, 0.10, 0.02
HSL	82°, 68%, 93%
HSV	82°, 10%, 98%
XYZ	83.2654, 91.6584, 83.8243
YIQ	243.4590, 2.6610, -9.6830

Conversions

Conversions Part 2

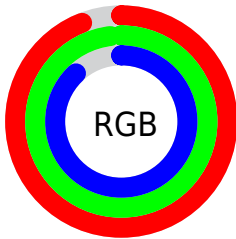
Format	Color
R _Y B	224, 249, 233
Decimal	15792608
CIE Lab	96.68, -7.27, 10.97
CIE LCh	97, 13.164, 123.517
Yxy	91.6584, 0.3218, 0.3542
Android (android.graphics.Color)	4293982688 (0xFFFF0F9E0)
YUV	243.4590, -9.5933, -3.0335
Hunter-Lab	95.7384, -12.2976, 15.1052

Details

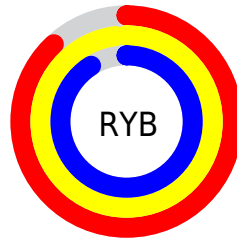
The YUV color $243.4590, -9.5933, -3.0335$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $229.5410, 9.5933, 3.0335$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $187.5730, -9.1565, -3.1335$ is the 20% darker color. If you saturate the color by 10%, you get $237.9180, -19.1866, -6.0671$, and if you desaturate by 10%, it is $249.0000, 0.0000, 0.0000$.

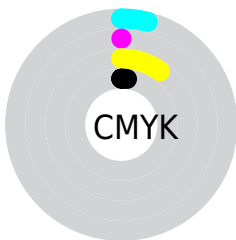
Distribution



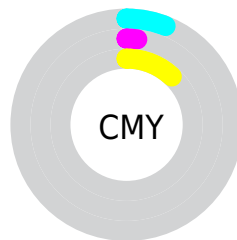
- Red (94%)
- Green (98%)
- Blue (88%)



- Red (88%)
- Yellow (98%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (6%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 243.4590, -9.5933, -3.0335 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 243.4590, -9.5933, -3.0335 by changing the saturation by 10% instead.


 243.4590, -9.5933,
-3.0335


 243.4590, -9.5933,
-3.0335


255.0000, 0.0000,
0.0000


 214.8720, -9.3039,
-2.5187

 187.5730, -9.1565,
-3.1335

 159.9860, -8.8671,
-2.6187

 134.1000, -8.4303,
-2.7187

 109.1000, -8.4303,
-2.7187

 84.2140, -7.9935,
-2.8187

 61.3280, -7.5567,

-2.9187

■ 39.4420, -7.1199,
-3.0186

■ 18.5840, -9.1619,
-1.3892

■ 243.4590, -9.5933,
-3.0335

■ 243.4590, -9.5933,
-3.0335

■ 237.9180,
-19.1866, -6.0671

■ 249.0000, 0.0000,
0.0000

■ 232.3770,
-28.7799, -9.1006

■ 251.4780, 1.7363,
3.0888

■ 226.8360,
-38.3731, -12.1342

■ 221.2950,
-47.9664, -15.1677

■ 215.8680,
-57.1229, -18.3012

■ 210.3270,
-66.7162, -21.3348

■ 204.7860,
-76.3095, -24.3683

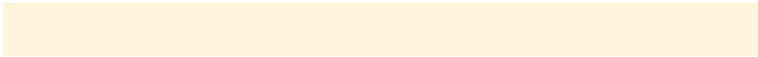
■ 199.2450,
-85.9028, -27.4019

■ 193.7040,
-95.4961, -30.4354

Harmonies

Analogous

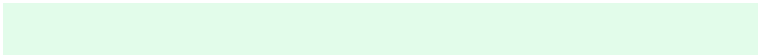
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.1400, -12.3940, 8.6472



243.4590, -9.5933, -3.0335



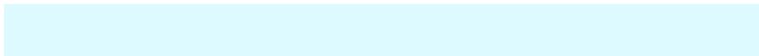
242.1740, -4.0298, -14.1846

Triad

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



243.4590, -9.5933, -3.0335



241.6000, 6.6062, -18.9432



243.1800, 0.4043, 10.3661

Complementary

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



243.4590, -9.5933, -3.0335



229.5410, 9.5933, 3.0335

Split Complementary

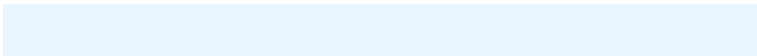
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.0210, 4.9196, 8.7516



243.4590, -9.5933, -3.0335



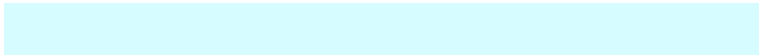
243.4380, 5.7001, -8.2771

Square

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



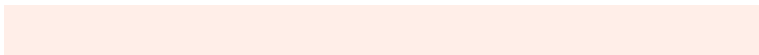
243.4590, -9.5933, -3.0335



240.9800, 6.9119, -23.6615



245.8740, 4.4991, 3.6185



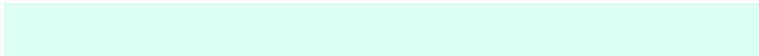
242.3990, -5.1267, 11.0511

Rectangle

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



243.4590, -9.5933, -3.0335



241.5800, 0.2071, -19.8027



245.8740, 4.4991, 3.6185



243.7500, 2.5883, 9.8663

Sweetspot

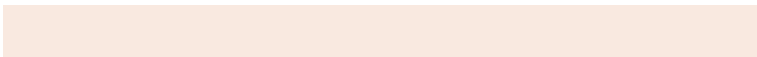
The Sweet Spot groups the original color and five complimentary colors.



243.4590, -9.5933, -3.0335



253.1910, -3.0522, -1.0445



236.7580, -6.2897, 10.7362



126.7180, -2.3260, -0.6297



0.0000, 0.0000, 0.0000



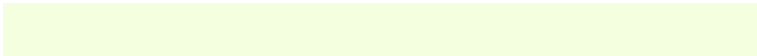
128.0000, 0.0000, 0.0000

Same Dimension

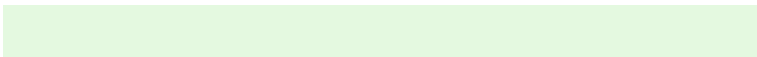
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.4590, -9.5933, -3.0335



248.1770, -11.9193, -3.6632



239.8710, -7.8244, -10.4109



122.0230, -4.9413, -1.7742



147.1220, -72.5311, -22.9090



47.4680, -23.4017, -7.4264

Inverse Universe

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



229.5410, 9.5933, 3.0335



230.8230, 11.9193, 3.6632



233.1290, 7.8244, 10.4109



114.9770, 4.9413, 1.7742



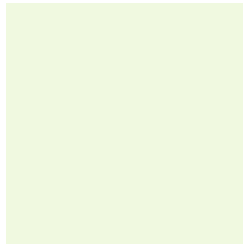
41.8780, 72.5311, 22.9090



13.5320, 23.4017, 7.4264

Previews

White Background



This preview shows how the YUV color 243.4590, -9.5933, -3.0335 looks on a white background.

Color Contrast Check

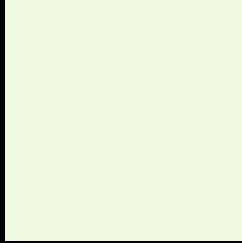
Large Text (above 18pt) WCAG AA × Fail

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 243.4590, -9.5933, -3.0335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

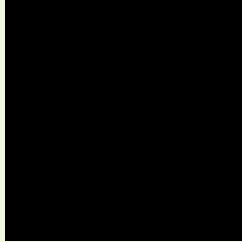
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

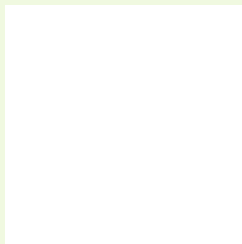
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 243.4590, -9.5933, -3.0335

Background



This preview shows how black text looks on a background with the YUV color 243.4590, -9.5933, -3.0335.



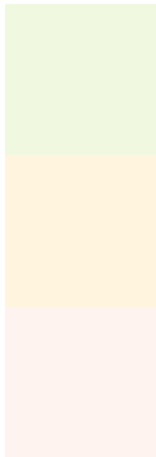
This preview shows how white text looks on a background with the YUV color 243.4590, -9.5933, -3.0335.

-3.0335.

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

243.4590, -9.5933, -3.0335

Protanopia

244.7810, -11.2310, 8.9621

Deuteranopia

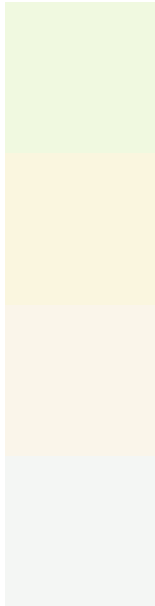
246.2460, -3.0793, 7.6773



Tritanopia

245.8520, 4.5100, 0.1298

Trichromacy



Original Color

243.4590, -9.5933, -3.0335

Protanomaly

244.5740, -10.6360, 4.7586

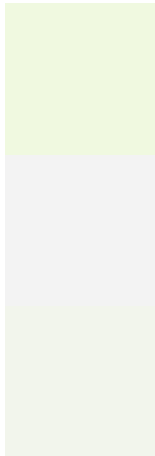
Deuteranomaly

245.2410, -5.5418, 4.1736

Tritanomaly

245.1740, -0.5788, -1.0296

Monochromacy



Original Color

243.4590, -9.5933, -3.0335

Achromatopsia

243.0000, 0.0000, 0.0000

Achromatomaly

243.0770, -3.4890, -0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 243.4590, -9.5933, -3.0335 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(240, 249, 224)` looks like.

```
.text, #text, p{  
    color:rgb(240, 249, 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(240, 249, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 249, 224) }
```

Border

The CSS property to change the border of an element to YUV 243.4590, -9.5933, -3.0335 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(240, 249, 224) }
```


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

```
.border{ border-color:rgb(240, 249, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 249, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 249, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 249, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 249,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 243.4590, -9.5933, -3.0335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 249, 224) }
```

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

```
.background{ background-color: rgb(240,  
249, 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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