

Converting Colors

YUV(244.0940, -5.9623, -0.9594)

Have a look what the booklet for
YUV(244.0940, -5.9623, -0.9594)
contains.

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Color

**YUV(244.0940, -5.9623,
-0.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F7E8
RGB	243, 247, 232
RGB Percent	95%, 97%, 91%
CMY	0.0471, 0.0314, 0.0902
CMYK	0.02, 0.00, 0.06, 0.03
HSL	76°, 48%, 94%
HSV	76°, 6%, 97%
XYZ	84.7884, 91.4024, 89.5175
YIQ	244.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

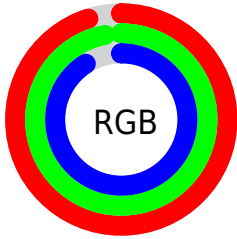
Format	Color
R _Y B	232, 247, 236
Decimal	15988712
CIE Lab	96.58, -3.92, 6.73
CIE LCh	97, 7.791, 120.182
Yxy	91.4024, 0.3191, 0.3440
Android (android.graphics.Color)	4294178792 (0xFFFF3F7E8)
YUV	244.0940, -5.9623, -0.9594
Hunter-Lab	95.6046, -9.0026, 11.4082

Details

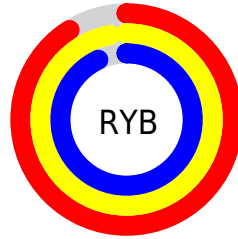
The YUV color $244.0940, -5.9623, -0.9594$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.9060, 5.9623, 0.9594$, and the grayscale version is $244.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.0940, -5.9623, -0.9594$ is the 20% darker color. If you saturate the color by 10%, you get $239.1510, -15.8504, -2.7634$, and if you desaturate by 10%, it is $248.8090, 3.0522, 1.0445$.

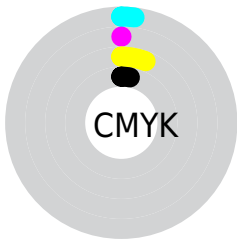
Distribution



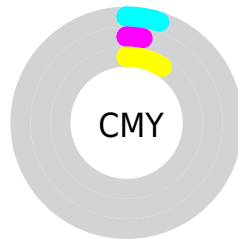
- Red (95%)
- Green (97%)
- Blue (91%)



- Red (91%)
- Yellow (97%)
- Blue (93%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (3%)



- Cyan (5%)
- Magenta (3%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 244.0940, -5.9623, -0.9594 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 244.0940, -5.9623, -0.9594 by changing the saturation by 10% instead.

 244.0940, -5.9623,
-0.9594


 244.0940, -5.9623,
-0.9594

255.0000, 0.0000,
0.0000


 216.0940, -5.9623,
-0.9594

 188.0940, -5.9623,
-0.9594

 161.2080, -5.5255,
-1.0594

 134.6210, -5.2362,
-0.5446

 109.3220, -5.0887,
-1.1594

 85.3220, -5.0887,
-1.1594

 61.8490, -4.3626,

-0.7446

■ 39.8490, -4.3626,
-0.7446

■ 19.3930, -6.1097,
-0.3447

■ 244.0940, -5.9623,
-0.9594

■ 244.0940, -5.9623,
-0.9594

■ 239.1510,
-15.8504, -2.7634

■ 248.8090, 3.0522,
1.0445

■ 234.6210,
-25.4492, -4.0526

■ 250.3040, 2.3151,
4.1184

■ 229.6780,
-35.3373, -5.8566

■ 225.0340,
-45.3728, -7.0458

■ 220.2050,
-54.8241, -8.9498

■ 215.2620,
-64.7122, -10.7538

■ 210.6180,
-74.7477, -11.9430

■ 205.6750,
-84.6358, -13.7470

■ 201.1450,
-94.2345, -15.0362

Harmonies

Analogous

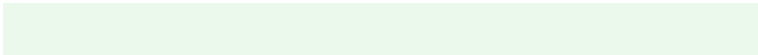
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.3830, -7.5838, 5.8031



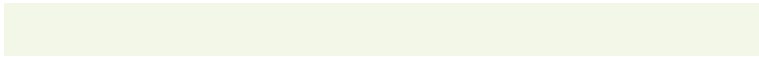
244.0940, -5.9623, -0.9594



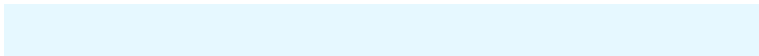
243.4460, -3.1779, -7.4071

Triad

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



244.0940, -5.9623, -0.9594



243.4160, 5.7109, -11.7658



245.0550, -0.0271, 8.7218

Complementary

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



244.0940, -5.9623, -0.9594



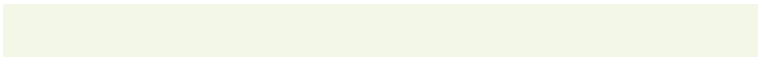
234.9060, 5.9623, 0.9594

Split Complementary

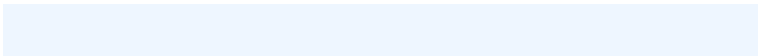
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.5540, 3.1779, 7.4071



244.0940, -5.9623, -0.9594



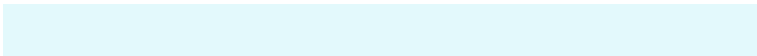
244.6340, 5.1104, -5.8180

Square

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



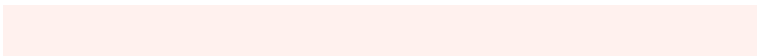
244.0940, -5.9623, -0.9594



242.7640, 4.5533, -13.8250



245.5640, 4.6519, 1.2594



244.8440, -3.3741, 8.9068

Rectangle

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



244.0940, -5.9623, -0.9594



243.1080, -0.5462, -11.4957



245.5640, 4.6519, 1.2594



245.3970, 1.2833, 8.4218

Sweetspot

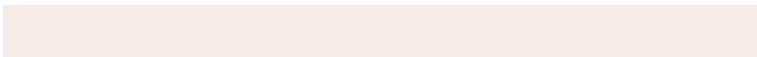
The Sweet Spot groups the original color and five complimentary colors.



244.0940, -5.9623, -0.9594



254.1310, -2.0366, -0.1149



238.8330, -3.3687, 7.1625



127.3590, -1.1630, -0.3148



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

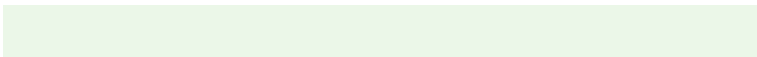
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.0940, -5.9623, -0.9594



251.4530, -7.1253, -1.2743



241.7020, -4.7831, -5.8777



120.3760, -3.6364, -0.3298



150.1450, -74.0215, -11.5282



47.4900, -23.4126, -3.9377

Inverse Universe

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



234.9060, 5.9623, 0.9594



240.5470, 7.1253, 1.2743



237.2980, 4.7831, 5.8777



114.6240, 3.6364, 0.3298



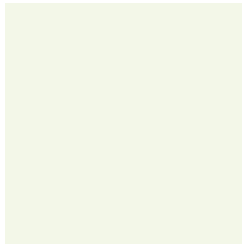
36.1540, 73.8741, 12.1429



11.5100, 23.4126, 3.9377

Previews

White Background



This preview shows how the YUV color 244.0940, -5.9623, -0.9594 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 244.0940, -5.9623, -0.9594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

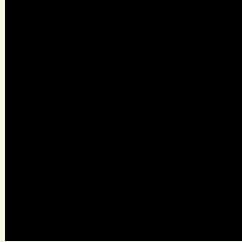
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

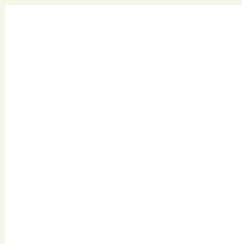
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.0940, -5.9623, -0.9594

Background



This preview shows how black text looks on a background with the YUV color 244.0940, -5.9623, -0.9594.



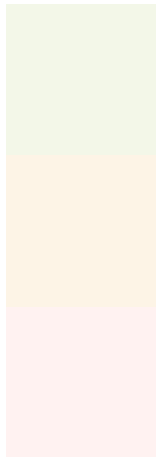
This preview shows how white text looks on a background with the YUV color 244.0940, -5.9623, -0.9594.

-0.9594.

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

244.0940, -5.9623, -0.9594

Protanopia

245.0950, -7.4418, 6.9327

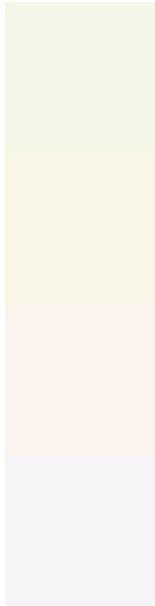
Deuteranopia

245.7730, -2.3531, 8.0921

Tritanopia

245.8520, 4.5100, 0.1298

Trichromacy



Original Color

244.0940, -5.9623, -0.9594

Protanomaly

244.6000, -6.7048, 3.8588

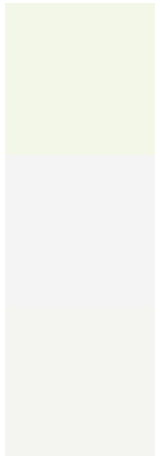
Deuteranomaly

245.4090, -3.6526, 4.9033

Tritanomaly

245.2280, 0.8736, -0.2000

Monochromacy



Original Color

244.0940, -5.9623, -0.9594

Achromatopsia

244.0000, 0.0000, 0.0000

Achromatomaly

244.1310, -2.0366, -0.1149

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.0940, -5.9623, -0.9594 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(243, 247, 232)` looks like.

```
.text, #text, p{  
    color:rgb(243, 247, 232)  
}
```

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(243, 247, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 247, 232) }
```

Border

The CSS property to change the border of an element to YUV 244.0940, -5.9623, -0.9594 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(243, 247, 232) }
```


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

```
.border{ border-color:rgb(243, 247, 232) }
```

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

Here you see how a box with a 4 pixel rgb(243, 247, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 247, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 247, 232);  
box-shadow:4px 4px 4px 4px rgb(243, 247,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 244.0940, -5.9623, -0.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 247, 232) }
```

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

```
.background{ background-color: rgb(243,  
247, 232) }
```

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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