

Converting Colors

YUV(244.9240, -1.4415, -4.3183)

Have a look what the booklet for
YUV(244.9240, -1.4415, -4.3183)
contains.

YUV(244.9240, -1.4415, -4.3183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(244.9240, -1.4415,
-4.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F8F2
RGB	240, 248, 242
RGB Percent	94%, 97%, 95%
CMY	0.0588, 0.0275, 0.0510
CMYK	0.03, 0.00, 0.02, 0.03
HSL	135°, 36%, 96%
HSV	135°, 3%, 97%
XYZ	85.5296, 92.0709, 97.2680
YIQ	244.9240, -2.8420, -3.5620

Conversions

Conversions Part 2

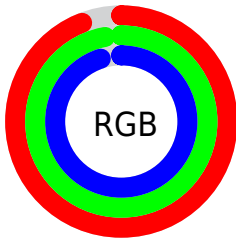
Format	Color
R _Y B	240, 246, 248
Decimal	15792370
CIE Lab	96.85, -3.70, 1.95
CIE LCh	97, 4.180, 152.220
Yxy	92.0709, 0.3112, 0.3350
Android (android.graphics.Color)	4293982450 (0xFFFF0F8F2)
YUV	244.9240, -1.4415, -4.3183
Hunter-Lab	95.9536, -8.8102, 7.0653

Details

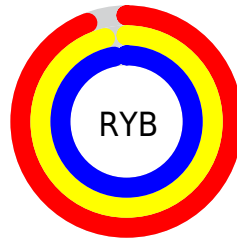
The YUV color $244.9240, -1.4415, -4.3183$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.0760, 1.4415, 4.3183$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $188.9240, -1.4415, -4.3183$ is the 20% darker color. If you saturate the color by 10%, you get $235.2830, -6.0555, -17.7882$, and if you desaturate by 10%, it is $250.8910, 2.0257, 3.6036$.

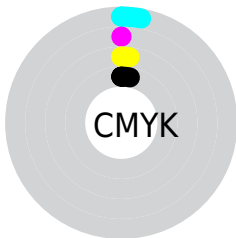
Distribution



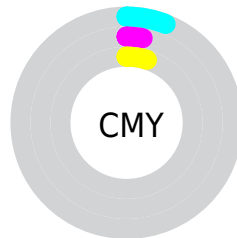
- Red (94%)
- Green (97%)
- Blue (95%)



- Red (94%)
- Yellow (96%)
- Blue (97%)



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




- Cyan (6%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 244.9240, -1.4415, -4.3183 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 244.9240, -1.4415, -4.3183 by changing the saturation by 10% instead.


 244.9240, -1.4415,
-4.3183

 244.9240, -1.4415,
-4.3183

255.0000, 0.0000,
0.0000


 216.3370, -1.1521,
-3.8035

 188.9240, -1.4415,
-4.3183

 161.9240, -1.4415,
-4.3183

 135.3370, -1.1521,
-3.8035

 110.3370, -1.1521,
-3.8035

 85.6360, -1.2995,
-3.1888

 62.6360, -1.2995,

-3.1888

■ 40.7500, -0.8628,
-3.2887

■ 20.3370, -1.1521,
-3.8035

■ 244.9240, -1.4415,
-4.3183

■ 244.9240, -1.4415,
-4.3183

■ 235.2830, -6.0555,
-17.7882

■ 250.8910, 2.0257,
3.6036

■ 225.7560,
-10.2327, -31.3580

■ 216.4140,
-14.9941, -44.2131

■ 206.8870,
-19.1713, -57.7829

■ 197.2460,
-23.7853, -71.2527

■ 187.6050,
-28.3993, -84.7226

■ 178.0780,
-32.5765, -98.2924

■ 168.7360,
-37.3378, -111.1475

■ 159.2090,
-41.5150, -124.7173

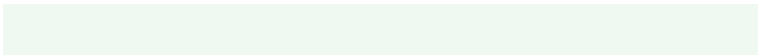
Harmonies

Analogous

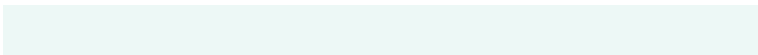
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.1910, -3.0522, -1.0445



244.9240, -1.4415, -4.3183



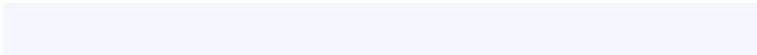
244.4830, 0.7479, -6.5626

Triad

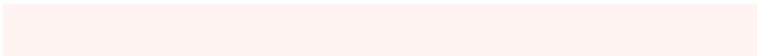
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.9240, -1.4415, -4.3183



245.7160, 4.0840, -3.2589



247.0610, -2.4951, 6.9625

Complementary

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



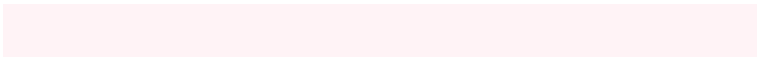
244.9240, -1.4415, -4.3183



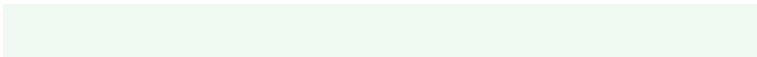
243.0760, 1.4415, 4.3183

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.



246.9300, -0.4585, 7.0774



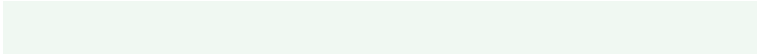
244.9240, -1.4415, -4.3183



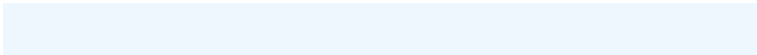
246.5100, 3.1996, 0.4297

Square

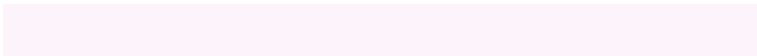
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



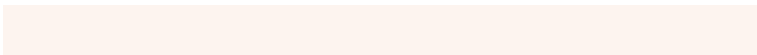
244.9240, -1.4415, -4.3183



244.9930, 3.9475, -6.1329



247.0760, 1.4415, 4.3183



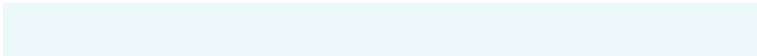
246.1210, -3.5107, 6.0329

Rectangle

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



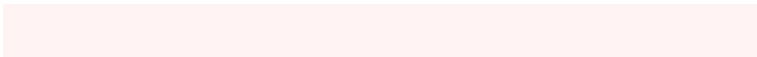
244.9240, -1.4415, -4.3183



244.5260, 2.2057, -7.4773



247.0760, 1.4415, 4.3183



246.5880, -1.7689, 7.3773

Sweetspot

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



244.9240, -1.4415, -4.3183



253.8750, -0.4314, -1.6444



246.4900, -3.1996, -0.4297



127.2880, -0.1420, -1.1296



0.0000, 0.0000, 0.0000



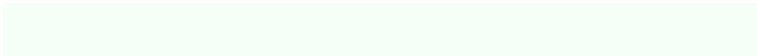
128.0000, 0.0000, 0.0000

Same Dimension

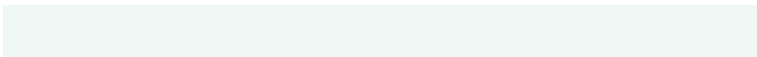
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.9240, -1.4415, -4.3183



251.0980, -2.0203, -5.3479



245.3800, 0.3057, -4.7183



122.6360, -1.2995, -3.1888



116.3010, -34.1654, -101.9960



37.5170, -11.1009, -32.9024

Inverse Universe

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



243.0760, 1.4415, 4.3183



248.7880, 1.5835, 5.4479



242.6200, -0.3057, 4.7183



121.2500, 0.8628, 3.2887



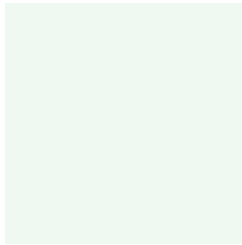
72.6990, 34.1654, 101.9960



23.4830, 11.1009, 32.9024

Previews

White Background



This preview shows how the YUV color 244.9240, -1.4415, -4.3183 looks on a white background.

Color Contrast Check

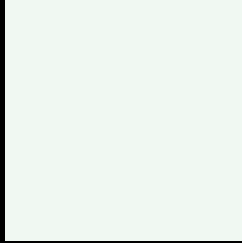
Large Text (above 18pt) WCAG AA × Fail

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 244.9240, -1.4415, -4.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

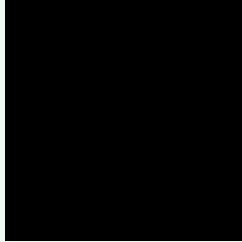
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

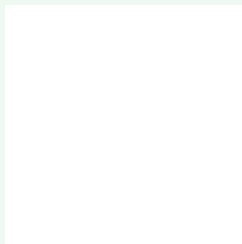
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 244.9240, -1.4415, -4.3183

Background



This preview shows how black text looks on a background with the YUV color 244.9240, -1.4415, -4.3183.



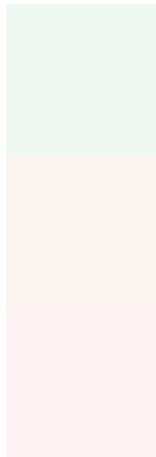
This preview shows how white text looks on a background with the YUV color 244.9240, -1.4415,

-4.383.

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

244.9240, -1.4415, -4.3183

Protanopia

246.2240, -3.0684, 4.1886

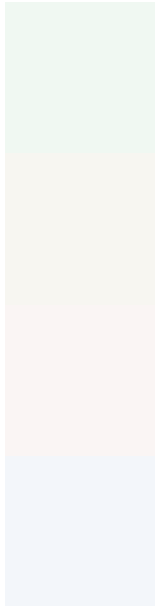
Deuteranopia

246.8160, -0.8953, 7.1774

Tritanopia

246.1400, 4.3680, -0.9998

Trichromacy



Original Color

244.9240, -1.4415, -4.3183

Protanomaly

245.7290, -2.3314, 1.1147

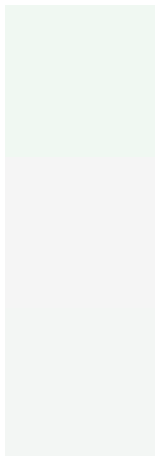
Deuteranomaly

246.3810, -1.1738, 3.1739

Tritanomaly

245.5590, 2.1894, -2.2442

Monochromacy



Original Color

244.9240, -1.4415, -4.3183

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

244.8750, -0.4314, -1.6444

CSS Examples

Text

The CSS property to change the color of the text to YUV 244.9240, -1.4415, -4.3183 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, 248, 242)` looks like.

```
.text, #text, p{  
    color:rgb(240, 248, 242)  
}
```

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, 248, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 242) }
```

Border

The CSS property to change the border of an element to YUV 244.9240, -1.4415, -4.3183 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, 248, 242) }
```


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

```
.border{ border-color:rgb(240, 248, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 248, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 242);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 244.9240, -1.4415, -4.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 248, 242) }
```

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

```
.background{ background-color: rgb(240,  
248, 242) }
```

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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