

# Converting Colors

YUV(244.8100, -1.8783, -4.2184)

Have a look what the booklet for  
YUV(244.8100, -1.8783, -4.2184)  
contains.

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# Color

**YUV(244.8100, -1.8783,  
-4.2184)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F8F1
RGB	240, 248, 241
RGB Percent	94%, 97%, 95%
CMY	0.0588, 0.0275, 0.0549
CMYK	0.03, 0.00, 0.03, 0.03
HSL	127°, 36%, 96%
HSV	127°, 3%, 97%
XYZ	85.3798, 92.0109, 96.4790
YIQ	244.8100, -2.5210, -3.8730

# Conversions

## Conversions Part 2

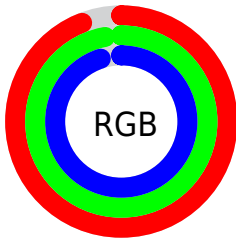
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 247, 248
Decimal	15792369
CIE <sub>Lab</sub>	96.82, -3.87, 2.43
CIE <sub>LCh</sub>	97, 4.573, 147.925
Yxy	92.0109, 0.3118, 0.3360
Android (android.graphics.Color)	4293982449 (0xFFFF0F8F1)
YUV	244.8100, -1.8783, -4.2184
Hunter-Lab	95.9223, -8.9825, 7.5116

# Details

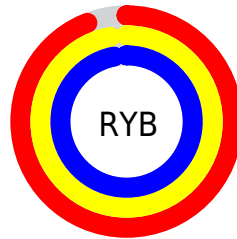
The YUV color  $244.8100, -1.8783, -4.2184$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $243.1900, 1.8783, 4.2184$ , and the grayscale version is  $245.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $188.8100, -1.8783, -4.2184$  is the 20% darker color. If you saturate the color by 10%, you get  $234.8270, -7.8027, -17.3883$ , and if you desaturate by 10%, it is  $250.8910, 2.0257, 3.6036$ .

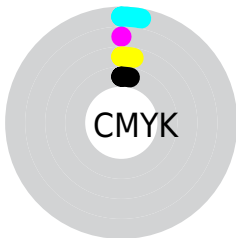
# Distribution



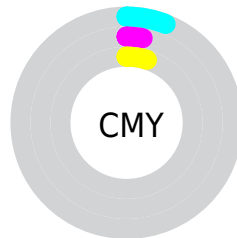
- Red (94%)
- Green (97%)
- Blue (95%)



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



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



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


# Brightness & Saturation Gradients

These gradients show how the YUV color 244.8100, -1.8783, -4.2184 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 244.8100, -1.8783, -4.2184 by changing the saturation by 10% instead.



 244.8100, -1.8783,  
-4.2184

 244.8100, -1.8783,  
-4.2184

255.0000, 0.0000,  
0.0000


 216.2230, -1.5889,  
-3.7036

 188.8100, -1.8783,  
-4.2184

 161.8100, -1.8783,  
-4.2184

 135.2230, -1.5889,  
-3.7036

 110.2230, -1.5889,  
-3.7036

 85.6360, -1.2995,  
-3.1888

 62.6360, -1.2995,

-3.1888

■ 40.6360, -1.2995,  
-3.1888

■ 20.2230, -1.5889,  
-3.7036

■ 244.8100, -1.8783,  
-4.2184

■ 244.8100, -1.8783,  
-4.2184

■ 234.8270, -7.8027,  
-17.3883

■ 250.8910, 2.0257,  
3.6036

■ 224.9580,  
-13.2903, -30.6582

■ 215.2740,  
-19.3621, -43.2133

■ 205.2910,  
-25.2865, -56.3832

■ 195.3080,  
-31.2108, -69.5531

■ 185.4390,  
-36.6984, -82.8230

■ 175.4560,  
-42.6228, -95.9929

■ 165.7720,  
-48.6946, -108.5480

■ 155.9030,  
-54.1822, -121.8179

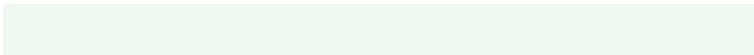
# Harmonies

## Analogous

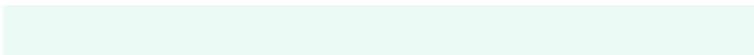
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.3760, -3.6364, -0.3298



244.8100, -1.8783, -4.2184



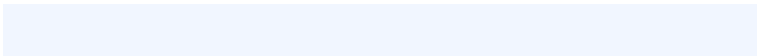
244.6570, 0.1691, -7.5922

# Triad

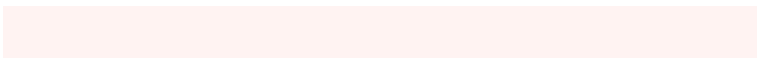
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.8100, -1.8783, -4.2184



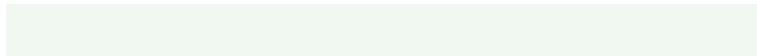
245.5310, 4.6682, -3.9737



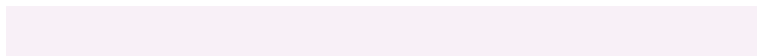
246.4740, -2.2057, 7.4773

# Complementary

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



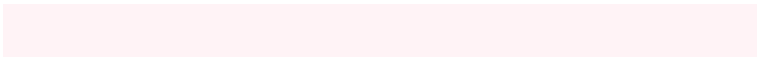
244.8100, -1.8783, -4.2184



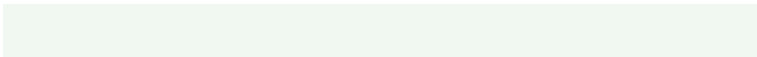
243.1900, 1.8783, 4.2184

# 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



244.8100, -1.8783, -4.2184



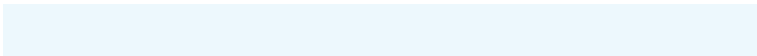
246.6240, 3.6364, 0.3298

# Square

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



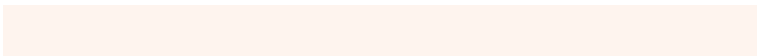
244.8100, -1.8783, -4.2184



245.2810, 3.8055, -7.2624



247.1900, 1.8783, 4.2184



246.3060, -4.0949, 6.7476



# Rectangle

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



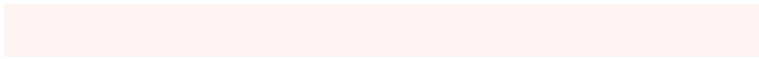
244.8100, -1.8783, -4.2184



244.7000, 1.6269, -8.5069



247.1900, 1.8783, 4.2184



246.5880, -1.7689, 7.3773

# Sweetspot

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



244.8100, -1.8783, -4.2184



253.8750, -0.4314, -1.6444



246.7890, -3.3470, 0.1850



127.1740, -0.5788, -1.0296



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

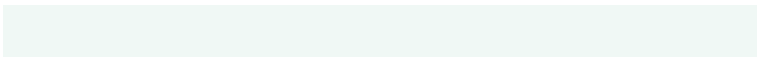
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.8100, -1.8783, -4.2184



250.9840, -2.4571, -5.2480



245.2660, -0.1311, -4.6183



122.5220, -1.7363, -3.0888



113.6790, -44.2117, -99.6965

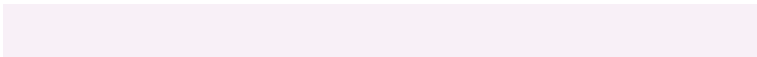


36.7190, -14.1585, -32.2026



# Inverse Universe

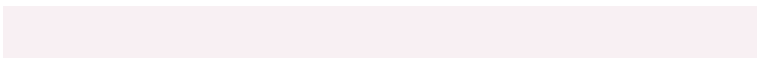
The Inverse Universe completely reimagines the original color for something new.



243.1900, 1.8783, 4.2184



249.0160, 2.4571, 5.2480



242.7340, 0.1311, 4.6183



121.3640, 1.2995, 3.1888



75.3210, 44.2117, 99.6965

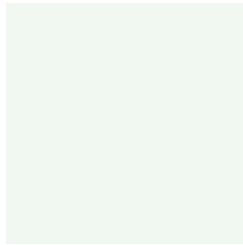


24.3950, 14.5953, 32.1026



# Previews

## White Background



This preview shows how the YUV color 244.8100, -1.8783, -4.2184 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

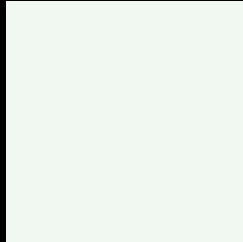
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 244.8100, -1.8783, -4.2184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

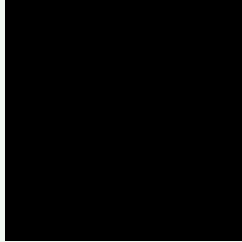
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

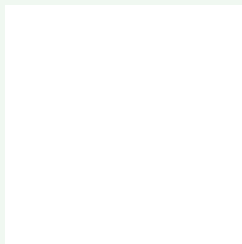
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 244.8100, -1.8783, -4.2184

## Background



This preview shows how black text looks on a background with the YUV color 244.8100, -1.8783, -4.2184.



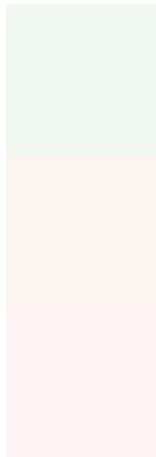
This preview shows how white text looks on a background with the YUV color 244.8100, -1.8783, -4.2184.

-4.284.

# 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

244.8100, -1.8783, -4.2184

### Protanopia

246.4090, -3.6526, 4.9033

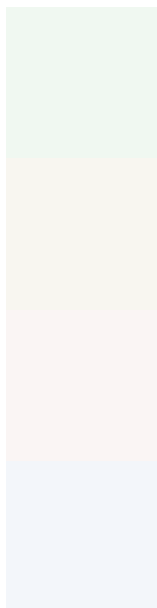
### Deuteranopia

246.8160, -0.8953, 7.1774

## Tritanopia

246.1400, 4.3680, -0.9998

# Trichromacy



## Original Color

244.8100, -1.8783, -4.2184

## Protanomaly

245.9140, -2.9156, 1.8294

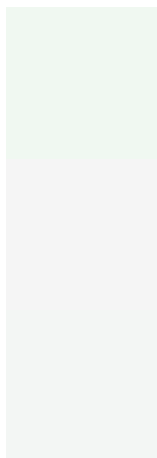
## Deuteranomaly

246.3810, -1.1738, 3.1739

## Tritanomaly

245.5590, 2.1894, -2.2442

# Monochromacy



## Original Color

244.8100, -1.8783, -4.2184

## 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 244.8100, -1.8783, -4.2184 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 248, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 248, 241) }
```

## Border

The CSS property to change the border of an element to YUV 244.8100, -1.8783, -4.2184 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, 241) }
```



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

```
.border{ border-color:rgb(240, 248, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 248, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 248, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 248,  
241) }
```

# Background

The CSS property to change the background color of an element to YUV 244.8100, -1.8783, -4.2184 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, 241) }
```

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

```
.background{ background-color: rgb(240,  
248, 241) }
```

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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