

# Converting Colors

YUV(244.9180, 1.0264, -2.5591)

Have a look what the booklet for  
YUV(244.9180, 1.0264, -2.5591)  
contains.

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# Color

**YUV(244.9180, 1.0264,  
-2.5591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2F6F7
RGB	242, 246, 247
RGB Percent	95%, 96%, 97%
CMY	0.0510, 0.0353, 0.0314
CMYK	0.02, 0.00, 0.00, 0.03
HSL	192°, 24%, 96%
HSV	192°, 2%, 97%
XYZ	86.3622, 91.5042, 101.1060
YIQ	244.9180, -2.7050, -0.5370

# Conversions

## Conversions Part 2

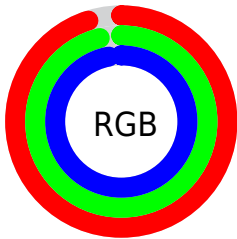
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 244, 247
Decimal	15922935
CIE Lab	96.62, -1.14, -0.95
CIE LCh	97, 1.483, 219.952
Yxy	91.5042, 0.3096, 0.3280
Android (android.graphics.Color)	4294113015 (0xFF F2F6F7)
YUV	244.9180, 1.0264, -2.5591
Hunter-Lab	95.6578, -6.2470, 4.2936

# Details

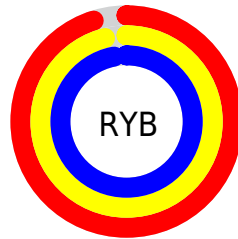
The YUV color `244.9180, 1.0264, -2.5591` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `244.0820, -1.0264, 2.5591`, and the grayscale version is `245.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `188.9180, 1.0264, -2.5591` is the 20% darker color. If you saturate the color by 10%, you get `234.5080, 6.1586, -15.3545`, and if you desaturate by 10%, it is `251.7400, -2.3368, 2.8590`.

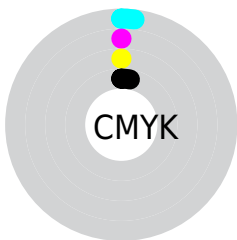
# Distribution



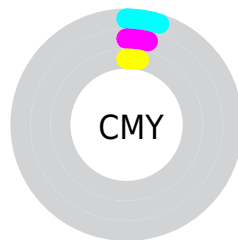
- Red (95%)
- Green (96%)
- Blue (97%)



- Red (95%)
- Yellow (96%)
- Blue (97%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 244.9180, 1.0264, -2.5591 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 244.9180, 1.0264, -2.5591 by changing the saturation by 10% instead.



244.9180, 1.0264,  
-2.5591

244.9180, 1.0264,  
-2.5591

255.0000, 0.0000,  
0.0000

216.9180, 1.0264,  
-2.5591

188.9180, 1.0264,  
-2.5591

161.9180, 1.0264,  
-2.5591

135.2170, 0.8790,  
-1.9443

110.2170, 0.8790,  
-1.9443

85.9180, 1.0264,  
-2.5591

62.8040, 0.5896,

-2.4591

■ 41.1030, 0.4422,  
-1.8443

■ 20.2170, 0.8790,  
-1.9443

■ 244.9180, 1.0264,  
-2.5591

■ 244.9180, 1.0264,  
-2.5591

■ 234.5080, 6.1586,  
-15.3545

■ 251.7400, -2.3368,  
2.8590

■ 224.3970, 11.1433,  
-27.5352

■ 254.0880, -3.4944,  
0.7998

■ 213.9870, 16.2754,  
-40.3306

■ 203.5770, 21.4075,  
-53.1260

■ 193.4660, 26.3923,  
-65.3067

■ 183.0560, 31.5244,  
-78.1021

■ 172.6460, 36.6565,  
-90.8975

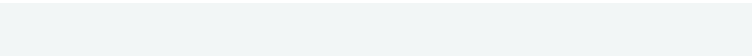
■ 162.2360, 41.7887,  
-103.6930

■ 152.7120, 46.4840,  
-116.3884

# Harmonies

## Analogous

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



244.8040, 0.5896, -2.4591



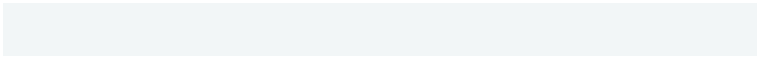
244.9180, 1.0264, -2.5591



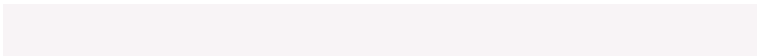
245.3310, 1.3158, -2.0443

# Triad

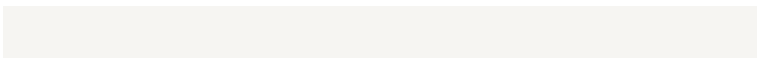
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.9180, 1.0264, -2.5591



245.4240, 0.2840, 2.2592



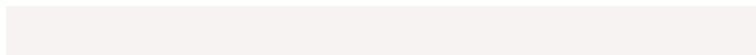
244.9570, -1.4578, 0.9147

# Complementary

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



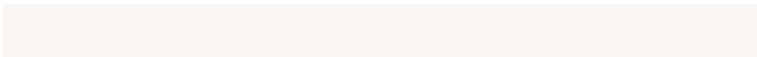
244.9180, 1.0264, -2.5591



244.0820, -1.0264, 2.5591

# Split Complementary

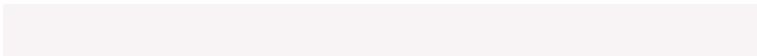
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.6690, -1.3158, 2.0443



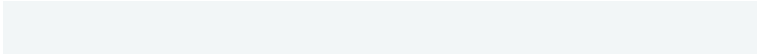
244.9180, 1.0264, -2.5591



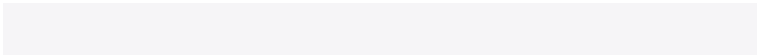
245.3100, -0.1528, 2.3591

# Square

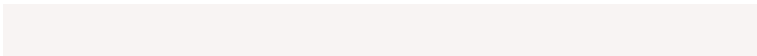
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



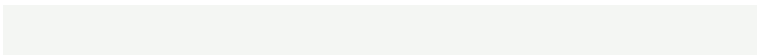
244.9180, 1.0264, -2.5591



245.5270, 0.7262, 0.4148



245.0820, -1.0264, 2.5591



245.0600, -1.0156, -0.9296

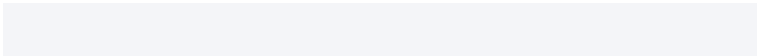


# Rectangle

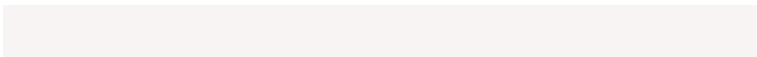
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



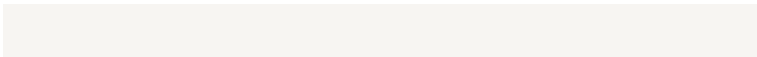
244.9180, 1.0264, -2.5591



245.0430, 1.4578, -0.9147



245.0820, -1.0264, 2.5591



245.2560, -1.6052, 1.5295

# Sweetspot

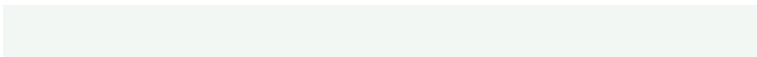
The Sweet Spot groups the original color and five complimentary colors.



244.9180, 1.0264, -2.5591



253.5160, 0.7316, -1.3295



245.0490, -1.0102, -2.6740



126.8150, 0.5842, -0.7148



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.



244.9180, 1.0264, -2.5591



252.9180, 1.0264, -2.5591



243.7440, 1.6052, -1.5295



121.4020, 0.2948, -1.2296



108.6670, 38.1252, -95.3010

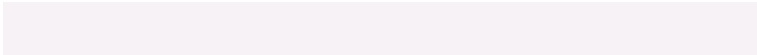


34.3150, 12.1697, -30.0943



# Inverse Universe

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



243.9510, 1.0102, 2.6740



251.9510, 1.0102, 2.6740



245.2560, -1.6052, 1.5295



120.8260, 0.5788, 1.0296



72.6000, 37.6652, 99.4518

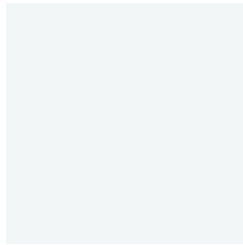


22.9990, 11.8325, 31.5729



# Previews

## White Background



This preview shows how the YUV color 244.9180, 1.0264, -2.5591 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

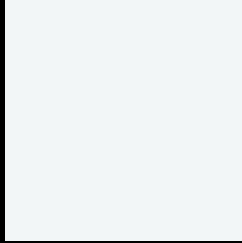
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 244.9180, 1.0264, -2.5591 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

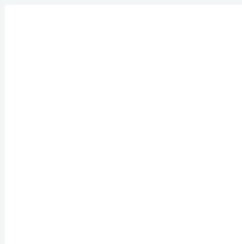
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 244.9180, 1.0264, -2.5591

## Background



This preview shows how black text looks on a background with the YUV color 244.9180, 1.0264, -2.5591.



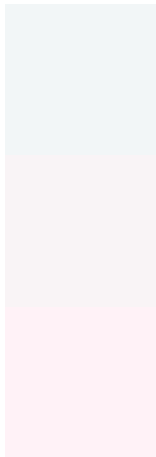
This preview shows how white text looks on a background with the YUV color 244.9180, 1.0264, -2.5591.

-2.5591.

# 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

244.9180, 1.0264, -2.5591

### Protanopia

245.7230, 0.1366, 2.8739

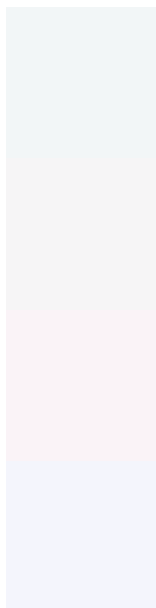
### Deuteranopia

246.4570, 0.2677, 7.4922

## **Tritanopia**

245.5530, 4.6574, -0.4850

# Trichromacy



## Original Color

244.9180, 1.0264, -2.5591

## Protanomaly

245.4130, 0.2894, 0.5148

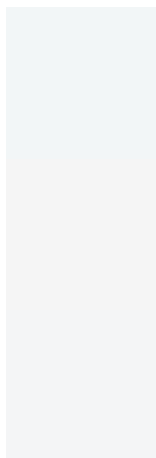
## Deuteranomaly

245.5490, 0.7153, 3.9035

## Tritanomaly

245.4990, 3.2050, -1.3146

# Monochromacy



## Original Color

244.9180, 1.0264, -2.5591

## Achromatopsia

245.0000, 0.0000, 0.0000

## Achromatomaly

244.8150, 0.5842, -0.7148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 244.9180, 1.0264, -2.5591 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(242, 246, 247)` looks like.

```
.text, #text, p{  
    color:rgb(242, 246, 247)  
}
```

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(242, 246, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 246, 247) }
```

## Border

The CSS property to change the border of an element to YUV 244.9180, 1.0264, -2.5591 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(242, 246, 247) }
```



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

```
.border{ border-color:rgb(242, 246, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 246, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 246, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 246, 247);  
box-shadow:4px 4px 4px 4px rgb(242, 246,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 244.9180, 1.0264, -2.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 246, 247) }
```

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

```
.background{ background-color: rgb(242,  
246, 247) }
```

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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