

# Converting Colors

YUV(248.1680, 1.8892, 0.7297)

Have a look what the booklet for  
YUV(248.1680, 1.8892, 0.7297)  
contains.

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# Color

**YUV(248.1680, 1.8892,  
0.7297)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F7FC
RGB	249, 247, 252
RGB Percent	98%, 97%, 99%
CMY	0.0235, 0.0314, 0.0118
CMYK	0.01, 0.02, 0.00, 0.01
HSL	264°, 45%, 98%
HSV	264°, 2%, 99%
XYZ	89.8984, 93.6895, 105.4412
YIQ	248.1680, -0.4130, 1.9790

# Conversions

## Conversions Part 2

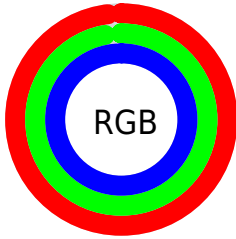
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 247, 252
Decimal	16381948
CIE Lab	97.51, 1.55, -2.17
CIE LCh	98, 2.666, 305.561
Yxy	93.6895, 0.3110, 0.3242
Android (android.graphics.Color)	4294572028 (0xFFFF9F7FC)
YUV	248.1680, 1.8892, 0.7297
Hunter-Lab	96.7934, -3.6037, 3.1682

# Details

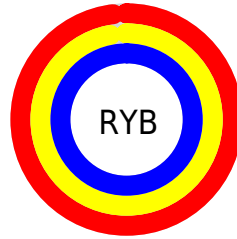
The YUV color 248.1680, 1.8892, 0.7297 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250.8320, -1.8892, -0.7297, and the grayscale version is 248.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 192.0540, 1.4524, 0.8296 is the 20% darker color. If you saturate the color by 10%, you get 229.0080, 11.3351, 4.3780, and if you desaturate by 10%, it is 254.6580, -1.3104, 0.2999.

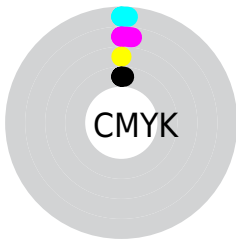
# Distribution



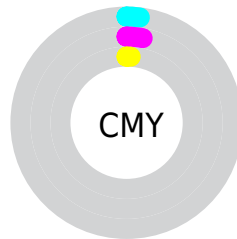
- Red (98%)
- Green (97%)
- Blue (99%)



- Red (98%)
- Yellow (97%)
- Blue (99%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)




- Cyan (2%)
- Magenta (3%)
- Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 248.1680, 1.8892, 0.7297 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 248.1680, 1.8892, 0.7297 by changing the saturation by 10% instead.




 248.1680, 1.8892,  
0.7297


 248.1680, 1.8892,  
0.7297

255.0000, 0.0000,  
0.0000


 219.7550, 1.5998,  
0.2149

 192.0540, 1.4524,  
0.8296

 164.7550, 1.5998,  
0.2149

 138.1680, 1.8892,  
0.7297

 113.0540, 1.4524,  
0.8296

 88.7550, 1.5998,  
0.2149

 65.0540, 1.4524,

0.8296

■ 43.0540, 1.4524,  
0.8296

■ 22.6410, 1.1630,  
0.3148

■ 248.1680, 1.8892,  
0.7297

■ 248.1680, 1.8892,  
0.7297

■ 229.0080, 11.3351,  
4.3780

254.6580, -1.3104,  
0.2999

■ 209.8480, 20.7809,  
8.0263

■ 190.1010, 30.5162,  
12.1894

■ 170.9410, 39.9621,  
15.8377

■ 151.4820, 49.5554,  
18.8713

■ 132.3220, 59.0013,  
22.5196

■ 113.1620, 68.4471,  
26.1679

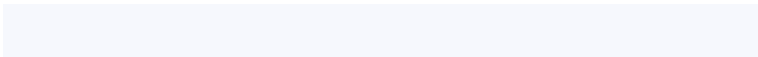
■ 93.4150, 78.1824,  
30.3310

■ 74.2550, 87.6283,  
33.9794

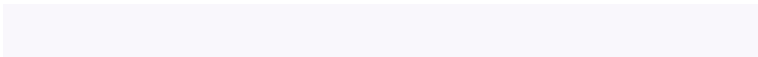
# Harmonies

## Analogous

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



247.9720, 2.4788, -1.7294



248.1680, 1.8892, 0.7297



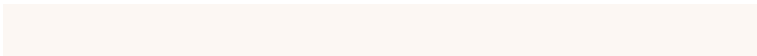
248.2500, 0.8628, 3.2887

# Triad

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



248.1680, 1.8892, 0.7297



248.0390, -2.4842, 3.4738



246.7930, 0.5951, -4.2035

# Complementary

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



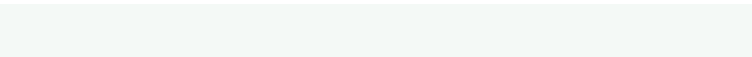
248.1680, 1.8892, 0.7297



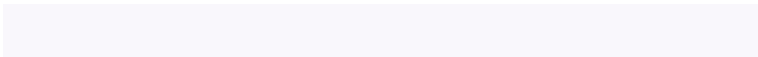
250.8320, -1.8892, -0.7297

# 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.



247.1630, -0.5734, -2.7740



248.1680, 1.8892, 0.7297



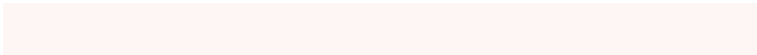
248.0280, -2.4788, 1.7294

# Square

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



248.1680, 1.8892, 0.7297



248.2780, -1.6161, 5.0182



247.8320, -1.8892, -0.7297

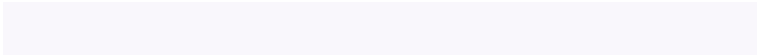


247.1350, 1.9054, -4.5034

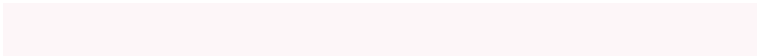


# Rectangle

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



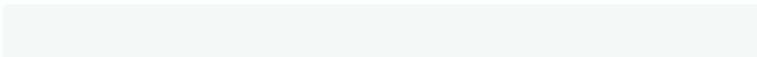
248.1680, 1.8892, 0.7297



248.3210, -0.1583, 4.1035



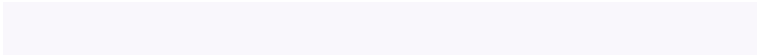
247.8320, -1.8892, -0.7297



246.6790, 0.1583, -4.1035

# Sweetspot

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



248.1680, 1.8892, 0.7297



252.6410, 1.1630, 0.3148



249.3310, 1.3158, -2.0443



126.5270, 0.7262, 0.4148



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.



248.1680, 1.8892, 0.7297



251.1680, 1.8892, 0.7297



248.7660, 1.5944, 1.9592



122.6410, 1.1630, 0.3148



43.9710, 71.4993, 27.2124

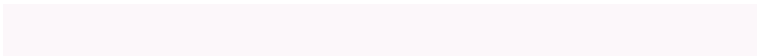


14.1300, 23.1069, 8.6560



# Inverse Universe

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



248.8370, 0.5734, 2.7740



251.8370, 0.5734, 2.7740



250.2340, -1.5944, -1.9592



123.1250, 0.4314, 1.6444



69.3930, 21.4983, 104.8953

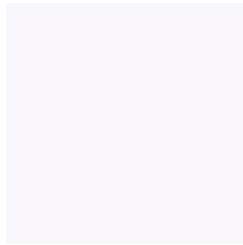


22.4570, 7.1697, 33.8022



# Previews

## White Background



This preview shows how the YUV color 248.1680, 1.8892, 0.7297 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

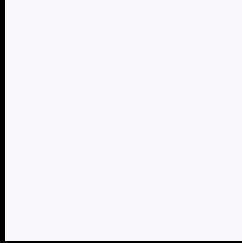
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 248.1680, 1.8892, 0.7297 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

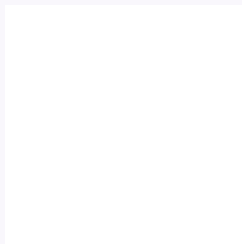
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 248.1680, 1.8892, 0.7297

## Background



This preview shows how black text looks on a background with the YUV color 248.1680, 1.8892, 0.7297.



This preview shows how white text looks on a background with the YUV color 248.1680, 1.8892,

0.7237.

# 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**

248.1680, 1.8892, 0.7297

**Protanopia**

248.1790, 1.8838, 2.4740

**Deuteranopia**

248.5600, 0.7099, 5.6479

## **Tritanopia**

248.5100, 3.1996, 0.4297

# Trichromacy

## Original Color

248.1680, 1.8892, 0.7297

## Protanomaly

247.8800, 2.0312, 1.8592

## Deuteranomaly

248.6630, 1.1521, 3.8035

## Tritanomaly

248.3960, 2.7628, 0.5297

# Monochromacy

## Original Color

248.1680, 1.8892, 0.7297

## Achromatopsia

248.0000, 0.0000, 0.0000

## Achromatomaly

248.1140, 0.4368, -0.1000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 248.1680, 1.8892, 0.7297 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(249, 247, 252)` looks like.

```
.text, #text, p{  
    color:rgb(249, 247, 252)  
}
```

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(249, 247, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 247, 252) }
```

## Border

The CSS property to change the border of an element to YUV 248.1680, 1.8892, 0.7297 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(249, 247, 252) }
```



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

```
.border{ border-color:rgb(249, 247, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 247, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 247, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 247, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 247,  
252) }
```

# Background

The CSS property to change the background color of an element to YUV 248.1680, 1.8892, 0.7297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 247, 252) }
```

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

```
.background{ background-color: rgb(249,  
247, 252) }
```

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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