

Converting Colors

YUV(248.7080, -3.8000, 5.5181)

Have a look what the booklet for
YUV(248.7080, -3.8000, 5.5181)
contains.

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Color

**YUV(248.7080, -3.8000,
5.5181)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7F1
RGB	255, 247, 241
RGB Percent	100%, 97%, 95%
CMY	0.0000, 0.0314, 0.0549
CMYK	0.00, 0.03, 0.05, 0.00
HSL	26°, 100%, 97%
HSV	26°, 5%, 100%
XYZ	90.3779, 94.1324, 96.6250
YIQ	248.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

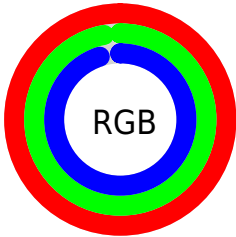
Format	Color
RYB	255, 252, 241
Decimal	16775153
CIELab	97.69, 1.65, 3.82
CIELCh	98, 4.157, 66.587
Yxy	94.1324, 0.3215, 0.3348
Android (android.graphics.Color)	4294965233 (0xFFFFF7F1)
YUV	248.7080, -3.8000, 5.5181
Hunter-Lab	97.0219, -3.5116, 8.8678

Details

The YUV color $248.7080, -3.8000, 5.5181$ is a light color, and the websafe version is hex FFFFFF. A complement of this color would be $247.2920, 3.8000, -5.5181$, and the grayscale version is $249.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.4090, -3.6526, 4.9033$ is the 20% darker color. If you saturate the color by 10%, you get $237.0530, -10.3791, 15.7395$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

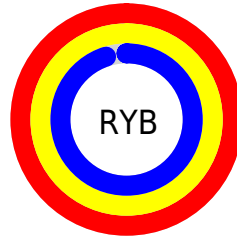
Distribution



Red (100%)

Green (97%)

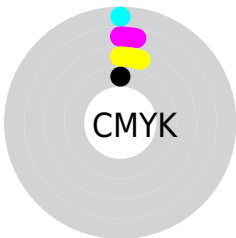
Blue (95%)



Red (100%)

Yellow (99%)

Blue (95%)

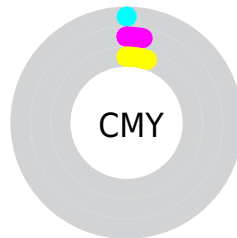


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 248.7080, -3.8000, 5.5181 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 248.7080, -3.8000, 5.5181 by changing the saturation by 10% instead.

 248.7080, -3.8000,
5.5181


 248.7080, -3.8000,
5.5181


255.0000, 0.0000,
0.0000


 220.4090, -3.6526,
4.9033

 192.4090, -3.6526,
4.9033

 165.4090, -3.6526,
4.9033

 138.5230, -3.2158,
4.8033

 113.5230, -3.2158,
4.8033

 89.2240, -3.0684,
4.1886

 65.3380, -2.6316,

4.0886

■ 43.3380, -2.6316,
4.0886

■ 22.9250, -2.9210,
3.5738

■ 248.7080, -3.8000,
5.5181

■ 248.7080, -3.8000,
5.5181

■ 237.0530,
-10.3791, 15.7395

255.0000, 0.0000,
0.0000

■ 225.8710,
-17.6844, 25.5461

■ 214.1020,
-24.7003, 35.8675

■ 203.0340,
-31.5688, 45.5742

■ 191.3790,
-38.1478, 55.7956

■ 180.1970,
-45.4531, 65.6022

■ 168.4280,
-52.4690, 75.9236

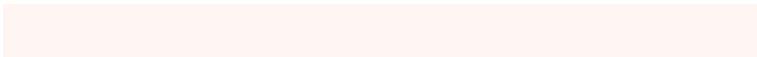
■ 156.7730,
-59.0481, 86.1451

■ 145.5910,
-66.3534, 95.9517

Harmonies

Analogous

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



248.4630, -2.2003, 5.7329



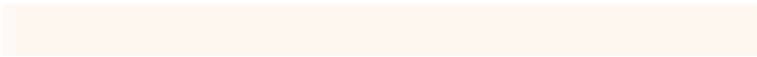
248.7080, -3.8000, 5.5181



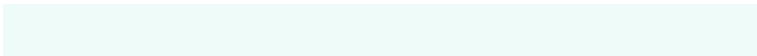
247.9850, -3.9366, 2.6442

Triad

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



248.7080, -3.8000, 5.5181



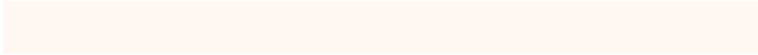
247.1840, 0.8953, -7.1774



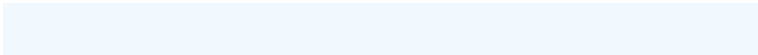
248.8090, 3.0522, 1.0445

Complementary

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



248.7080, -3.8000, 5.5181



247.2920, 3.8000, -5.5181

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.



247.9010, 3.4998, -2.5442



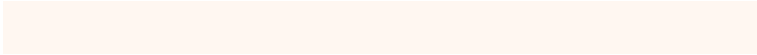
248.7080, -3.8000, 5.5181



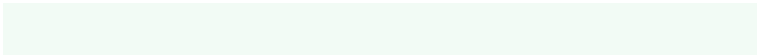
247.6400, 2.6425, -7.5773

Square

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



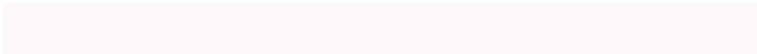
248.7080, -3.8000, 5.5181



247.6250, -1.2941, -4.9331



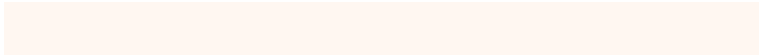
247.8790, 3.5107, -6.0329



249.3750, 1.2941, 4.9331

Rectangle

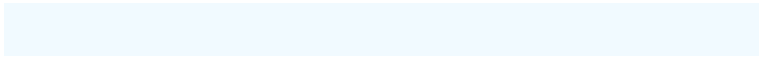
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248.7080, -3.8000, 5.5181



247.7890, -3.3470, 0.1850



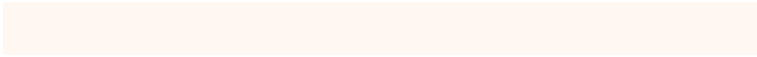
247.8790, 3.5107, -6.0329



248.5100, 3.1996, 0.4297

Sweetspot

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



248.7080, -3.8000, 5.5181



252.6690, -1.3158, 2.0443



246.0980, 1.4307, 7.8071



126.4840, -0.7316, 1.3295



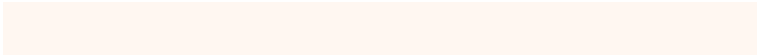
0.0000, 0.0000, 0.0000



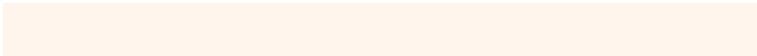
128.0000, 0.0000, 0.0000

Same Dimension

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



248.7080, -3.8000, 5.5181



247.0780, -4.9685, 6.9476



252.8170, -5.8258, 1.9145



123.2240, -3.0684, 4.1886



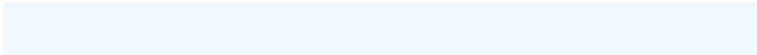
105.2430, -51.8848, 75.2089



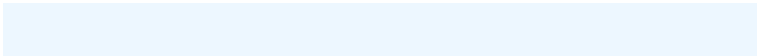
34.9850, -17.2476, 25.4462

Inverse Universe

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



247.2920, 3.8000, -5.5181



244.9220, 4.9685, -6.9476



243.1830, 5.8258, -1.9145



121.7760, 3.0684, -4.1886



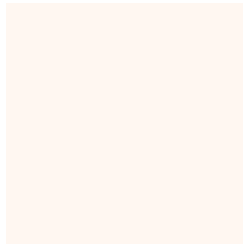
85.7570, 51.8848, -75.2089



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 248.7080, -3.8000, 5.5181 looks on a white background.

Color Contrast Check

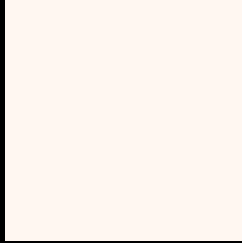
Large Text (above 18pt) WCAG AA × Fail

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 248.7080, -3.8000, 5.5181 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 248.7080, -3.8000, 5.5181

Background



This preview shows how black text looks on a background with the YUV color 248.7080, -3.8000, 5.5181.



This preview shows how white text looks on a background with the YUV color 248.7080, -3.8000,

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

248.7080, -3.8000, 5.5181

Protanopia

248.4090, -3.6526, 4.9033

Deuteranopia

248.8050, -0.8899, 5.4330

Tritanopia

249.1190, 2.8993, 3.4036

Trichromacy



Original Color

248.7080, -3.8000, 5.5181

Protanomaly

248.4090, -3.6526, 4.9033

Deuteranomaly

248.5770, -1.7635, 5.6330

Tritanomaly

248.8480, 0.5679, 4.5183

Monochromacy



Original Color

248.7080, -3.8000, 5.5181

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

248.6690, -1.3158, 2.0443

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.7080, -3.8000, 5.5181 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(255, 247, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 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(255, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 241) }
```

Border

The CSS property to change the border of an element to YUV 248.7080, -3.8000, 5.5181 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(255, 247, 241) }
```


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

```
.border{ border-color:rgb(255, 247, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 247, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 248.7080, -3.8000, 5.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 241) }
```

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

```
.background{ background-color: rgb(255,  
247, 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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