

Converting Colors

YUV(248.1960, -0.5896, 2.4591)

Have a look what the booklet for
YUV(248.1960, -0.5896, 2.4591)
contains.

YUV(248.1960, -0.5896, 2.4591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**YUV(248.1960, -0.5896,
2.4591)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF7F7
RGB	251, 247, 247
RGB Percent	98%, 97%, 97%
CMY	0.0157, 0.0314, 0.0314
CMYK	0.00, 0.02, 0.02, 0.02
HSL	0°, 33%, 98%
HSV	0°, 2%, 98%
XYZ	89.8329, 93.7462, 101.3558
YIQ	248.1960, 2.3840, 0.8480

Conversions

Conversions Part 2

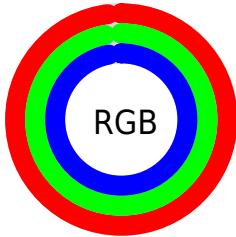
Format	Color
R _Y B	251, 247, 247
Decimal	16513015
CIE Lab	97.53, 1.33, 0.46
CIE LCh	98, 1.410, 19.039
Yxy	93.7462, 0.3153, 0.3290
Android (android.graphics.Color)	4294703095 (0xFFFBF7F7)
YUV	248.1960, -0.5896, 2.4591
Hunter-Lab	96.8226, -3.8256, 5.7099

Details

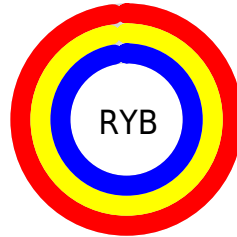
The YUV color $248.1960, -0.5896, 2.4591$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $249.8040, 0.5896, -2.4591$, and the grayscale version is $248.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.1960, -0.5896, 2.4591$ is the 20% darker color. If you saturate the color by 10%, you get $230.6710, -4.2748, 17.8285$, and if you desaturate by 10%, it is $253.8040, 0.5896, -2.4591$.

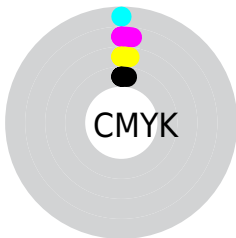
Distribution



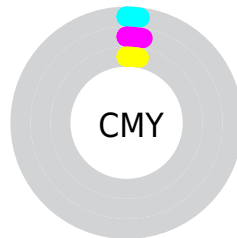
- Red (98%)
- Green (97%)
- Blue (97%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the YUV color 248.1960, -0.5896, 2.4591 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 248.1960, -0.5896, 2.4591 by changing the saturation by 10% instead.

 248.1960, -0.5896,
2.4591


 248.1960, -0.5896,
2.4591

255.0000, 0.0000,
0.0000


 219.8970, -0.4422,
1.8443

 192.1960, -0.5896,
2.4591

 164.8970, -0.4422,
1.8443

 138.1960, -0.5896,
2.4591

 112.8970, -0.4422,
1.8443

 88.8970, -0.4422,
1.8443

 64.8970, -0.4422,

1.8443

■ 42.8970, -0.4422,
1.8443

■ 22.8970, -0.4422,
1.8443

■ 248.1960, -0.5896,
2.4591

■ 248.1960, -0.5896,
2.4591

■ 230.6710, -4.2748,
17.8285

■ 253.8040, 0.5896,
-2.4591

■ 213.1460, -7.9600,
33.1980

■ 195.6210,
-11.6452, 48.5674

■ 178.0960,
-15.3303, 63.9368

■ 160.5710,
-19.0155, 79.3062

■ 142.3450,
-22.8481, 95.2904

■ 124.8200,
-26.5333, 110.6599

■ 107.2950,
-30.2184, 126.0293

■ 89.7700, -33.9036,
141.3987

Harmonies

Analogous

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



248.0110, -0.0054, 1.7444



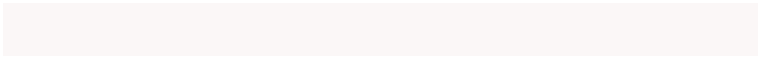
248.1960, -0.5896, 2.4591



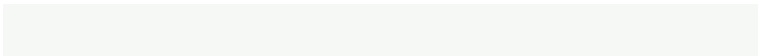
248.0820, -1.0264, 2.5591

Triad

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



248.1960, -0.5896, 2.4591



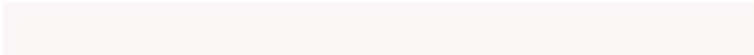
247.1740, -0.5788, -1.0296



247.6300, 1.1684, -1.4295

Complementary

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



248.1960, -0.5896, 2.4591



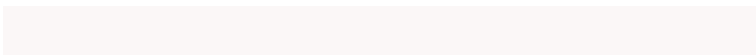
249.8040, 0.5896, -2.4591

Split Complementary

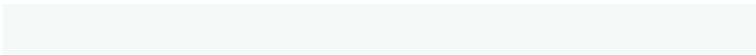
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.9180, 1.0264, -2.5591



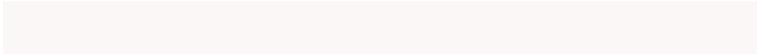
248.1960, -0.5896, 2.4591



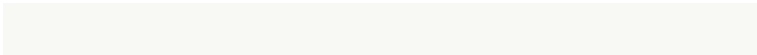
247.5760, -0.2840, -2.2592

Square

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



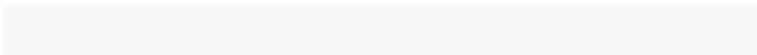
248.1960, -0.5896, 2.4591



247.6580, -1.3104, 0.2999



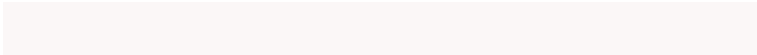
247.8040, 0.5896, -2.4591



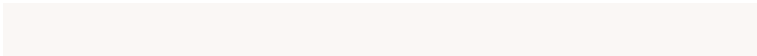
248.2280, 0.8736, -0.2000

Rectangle

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



248.1960, -0.5896, 2.4591



247.6690, -1.3158, 2.0443



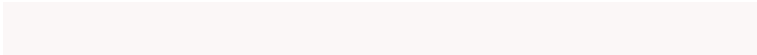
247.8040, 0.5896, -2.4591



247.6300, 1.1684, -1.4295

Sweetspot

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



248.1960, -0.5896, 2.4591

255.0000, 0.0000, 0.0000



248.6520, 1.1576, 2.0592



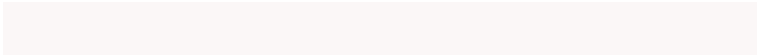
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

Same Dimension

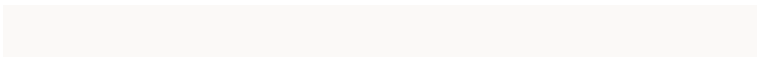
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.1960, -0.5896, 2.4591



251.4950, -0.7370, 3.0739



249.3700, -1.1684, 1.4295



122.8970, -0.4422, 1.8443



56.5110, -27.8599, 116.1929



18.2390, -8.9918, 37.5014

Inverse Universe

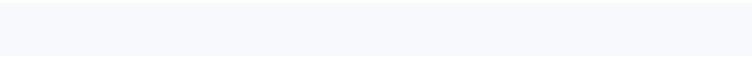
The Inverse Universe completely reimagines the original color for something new.



249.8040, 0.5896, -2.4591



253.5050, 0.7370, -3.0739



248.6300, 1.1684, -1.4295



124.1030, 0.4422, -1.8443



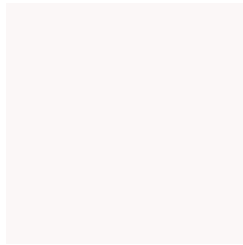
132.4890, 27.8599, -116.1929



42.7610, 8.9918, -37.5014

Previews

White Background



This preview shows how the YUV color 248.1960, -0.5896, 2.4591 looks on a white background.

Color Contrast Check

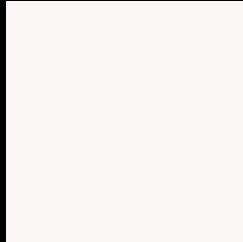
Large Text (above 18pt) WCAG AA × Fail

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 248.1960, -0.5896, 2.4591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

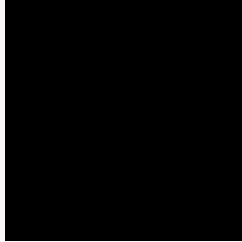
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 248.1960, -0.5896, 2.4591

Background



This preview shows how black text looks on a background with the YUV color 248.1960, -0.5896, 2.4591.



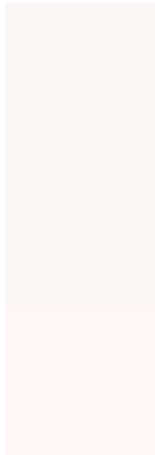
This preview shows how white text looks on a background with the YUV color 248.1960, -0.5896, 2.4591.

2.4991.

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

248.1960, -0.5896, 2.4591

Protanopia

248.4950, -0.7370, 3.0739

Deuteranopia

248.9190, -0.4531, 5.3330



Tritanopia

248.2220, 3.3416, 1.5593

Trichromacy



Original Color

248.1960, -0.5896, 2.4591

Protanomaly

248.4950, -0.7370, 3.0739

Deuteranomaly

248.6200, -0.3057, 4.7183

Tritanomaly

247.8800, 2.0312, 1.8592

Monochromacy



Original Color

248.1960, -0.5896, 2.4591

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

248.2990, -0.1474, 0.6148

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.1960, -0.5896, 2.4591 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(251, 247, 247)` looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 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(251, 247, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 247) }
```

Border

The CSS property to change the border of an element to YUV 248.1960, -0.5896, 2.4591 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(251, 247, 247) }
```

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

```
.border{ border-color:rgb(251, 247, 247) }
```

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

Here you see how a box with a 4 pixel rgb(251, 247, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 247);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
247) }
```


Background

The CSS property to change the background color of an element to YUV 248.1960, -0.5896, 2.4591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 247) }
```

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

```
.background{ background-color: rgb(251,  
247, 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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