

Converting Colors

YUV(248.4810, -9.6041, 0.4552)

Have a look what the booklet for
YUV(248.4810, -9.6041, 0.4552)
contains.

YUV(248.4810, -9.6041, 0.4552)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(248.4810, -9.6041,
0.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	F9FCE5
RGB	249, 252, 229
RGB Percent	98%, 99%, 90%
CMY	0.0235, 0.0118, 0.1020
CMYK	0.01, 0.00, 0.09, 0.01
HSL	68°, 79%, 94%
HSV	68°, 9%, 99%
XYZ	88.0202, 95.4177, 87.9070
YIQ	248.4810, 5.5950, -7.7890

Conversions

Conversions Part 2

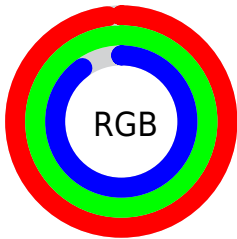
Format	Color
R _Y B	229, 252, 232
Decimal	16383205
CIE Lab	98.20, -4.88, 10.67
CIE LCh	98, 11.731, 114.591
Yxy	95.4177, 0.3244, 0.3516
Android (android.graphics.Color)	4294573285 (0xFFFF9FCE5)
YUV	248.4810, -9.6041, 0.4552
Hunter-Lab	97.6820, -10.0990, 15.0205

Details

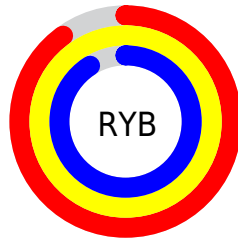
The YUV color **248.4810, -9.6041, 0.4552** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232.5190, 9.6041, -0.4552**, and the grayscale version is **249.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **192.0080, -8.8779, 0.8700** is the 20% darker color. If you saturate the color by 10%, you get **244.7340, -20.0819, 1.1103**, and if you desaturate by 10%, it is **252.2280, 0.8736, -0.2000**.

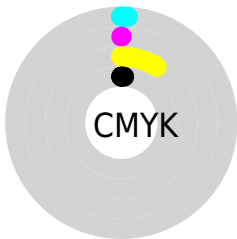
Distribution



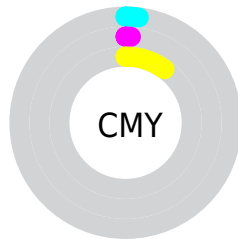
- Red (98%)
- Green (99%)
- Blue (90%)



- Red (90%)
- Yellow (99%)
- Blue (91%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (1%)





- Cyan (2%)
- Magenta (1%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 248.4810, -9.6041, 0.4552 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 248.4810, -9.6041, 0.4552 by changing the saturation by 10% instead.


 248.4810, -9.6041,
0.4552


 248.4810, -9.6041,
0.4552

255.0000, 0.0000,
0.0000


 219.5950, -9.1673,
0.3552

 192.0080, -8.8779,
0.8700

 164.7090, -8.7305,
0.2552

 138.7090, -8.7305,
0.2552

 112.8230, -8.2937,
0.1552

 88.9370, -7.8569,
0.0553

 65.0510, -7.4201,

-0.0447

■ 43.1650, -6.9833,
-0.1447

■ 22.3070, -9.0254,
1.4848

■ 248.4810, -9.6041,
0.4552

■ 248.4810, -9.6041,
0.4552

■ 244.7340,
-20.0819, 1.1103

■ 252.2280, 0.8736,
-0.2000

■ 240.6880,
-30.4122, 1.1506

■ 253.2390, 0.8682,
1.5444

■ 236.8270,
-41.3267, 1.9057

■ 233.0800,
-51.8044, 2.5608

■ 229.3330,
-62.2822, 3.2160

■ 225.2870,
-72.6125, 3.2563

■ 221.5400,
-83.0902, 3.9114

■ 217.6790,
-94.0047, 4.6665

■ 213.6330,
-104.3351, 4.7069

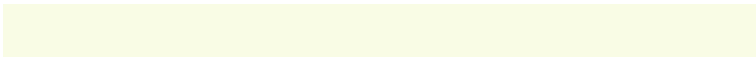
Harmonies

Analogous

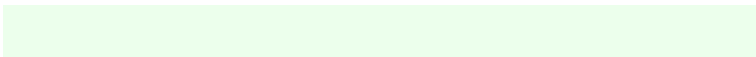
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



247.6990, -10.2046, 6.4030



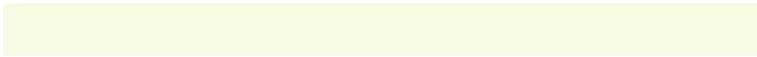
248.4810, -9.6041, 0.4552



247.1530, -5.4984, -9.7812

Triad

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



248.4810, -9.6041, 0.4552



246.0300, 4.4222, -18.4433



247.0270, 2.4517, 6.9923

Complementary

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



248.4810, -9.6041, 0.4552



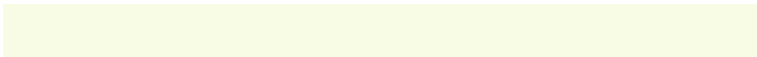
232.5190, 9.6041, -0.4552

Split Complementary

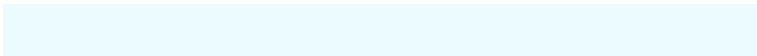
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.5430, 3.1833, 5.6628



248.4810, -9.6041, 0.4552



246.9710, 3.9583, -9.6216

Square

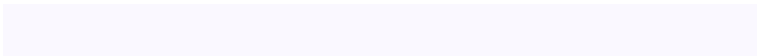
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



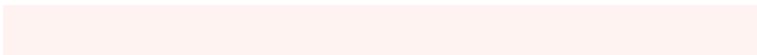
248.4810, -9.6041, 0.4552



245.1330, 4.8644, -20.2876



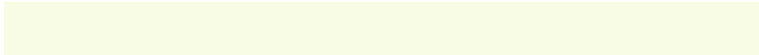
249.3960, 2.7628, 0.5297



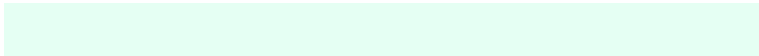
246.3600, -2.6425, 7.5773

Rectangle

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



248.4810, -9.6041, 0.4552



245.8580, -1.4090, -14.7845



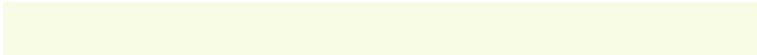
249.3960, 2.7628, 0.5297



247.9560, 3.4727, 6.1776

Sweetspot

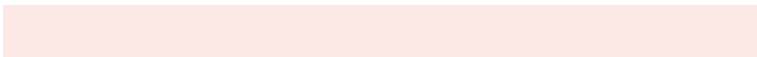
The Sweet Spot groups the original color and five complimentary colors.



248.4810, -9.6041, 0.4552



253.7890, -3.3470, 0.1850



237.6380, -4.2585, 12.5955



127.0170, -2.4734, -0.0149



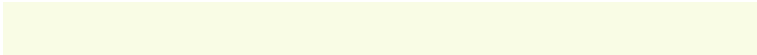
0.0000, 0.0000, 0.0000



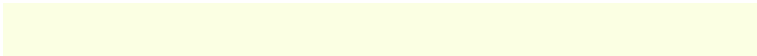
128.0000, 0.0000, 0.0000

Same Dimension

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



248.4810, -9.6041, 0.4552



250.6120, -11.6407, 0.3403



245.1920, -7.9827, -6.3074



122.9200, -5.3836, 0.0702



159.9790, -78.8696, 3.5264



51.6540, -25.4654, 1.1804

Inverse Universe

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



232.5190, 9.6041, -0.4552



231.3880, 11.6407, -0.3403



235.8080, 7.9827, 6.3074



114.0800, 5.3836, -0.0702



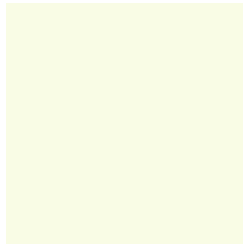
29.0210, 78.8696, -3.5264



9.3460, 25.4654, -1.1804

Previews

White Background



This preview shows how the YUV color 248.4810, -9.6041, 0.4552 looks on a white background.

Color Contrast Check

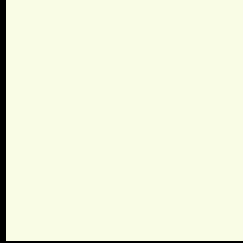
Large Text (above 18pt) WCAG AA × Fail

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 248.4810, -9.6041, 0.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

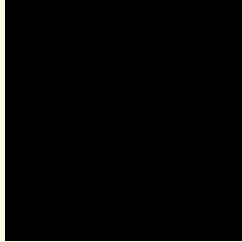
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 248.4810, -9.6041, 0.4552

Background



This preview shows how black text looks on a background with the YUV color 248.4810, -9.6041, 0.4552.



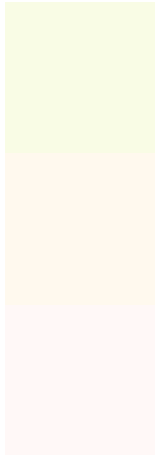
This preview shows how white text looks on a background with the YUV color 248.4810, -9.6041,

0.4552.

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

248.4810, -9.6041, 0.4552

Protanopia

249.5400, -5.6892, 4.7884

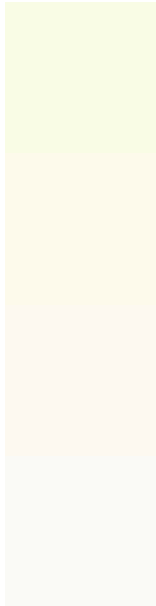
Deuteranopia

249.9790, -1.4686, 4.4034

Tritanopia

250.2820, 2.3260, 0.6297

Trichromacy



Original Color

248.4810, -9.6041, 0.4552

Protanomaly

249.1870, -6.9942, 3.3440

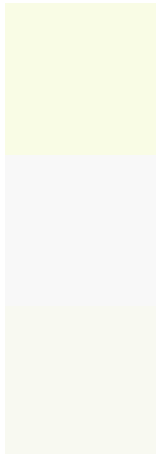
Deuteranomaly

249.1700, -4.5208, 3.3589

Tritanomaly

249.5440, -1.7472, 0.3999

Monochromacy



Original Color

248.4810, -9.6041, 0.4552

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

247.7890, -3.3470, 0.1850

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.4810, -9.6041, 0.4552 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, 252, 229)` looks like.

```
.text, #text, p{  
    color:rgb(249, 252, 229)  
}
```

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, 252, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 252, 229) }
```

Border

The CSS property to change the border of an element to YUV 248.4810, -9.6041, 0.4552 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, 252, 229) }
```


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

```
.border{ border-color:rgb(249, 252, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 252, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 252, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 252, 229);  
box-shadow:4px 4px 4px 4px rgb(249, 252,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 248.4810, -9.6041, 0.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 252, 229) }
```

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

```
.background{ background-color: rgb(249,  
252, 229) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor