

Converting Colors

YUV(245.3070, -9.0254, 1.4848)

Have a look what the booklet for
YUV(245.3070, -9.0254, 1.4848)
contains.

YUV(245.3070, -9.0254, 1.4848)	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(245.3070, -9.0254,
1.4848)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F8E3
RGB	247, 248, 227
RGB Percent	97%, 97%, 89%
CMY	0.0314, 0.0275, 0.1098
CMYK	0.00, 0.00, 0.08, 0.03
HSL	63°, 60%, 93%
HSV	63°, 8%, 97%
XYZ	85.7903, 92.4550, 85.9970
YIQ	245.3070, 6.1450, -6.7430

Conversions

Conversions Part 2

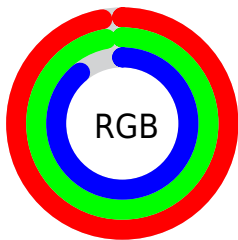
Format	Color
R _Y B	227, 248, 228
Decimal	16251107
CIE Lab	97.01, -3.88, 9.97
CIE LCh	97, 10.696, 111.292
Yxy	92.4550, 0.3247, 0.3499
Android (android.graphics.Color)	4294441187 (0xFFFF7F8E3)
YUV	245.3070, -9.0254, 1.4848
Hunter-Lab	96.1535, -9.0070, 14.2802

Details

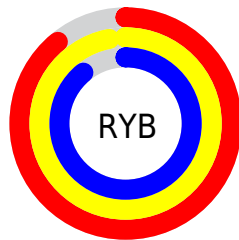
The YUV color $245.3070, -9.0254, 1.4848$ is a light color, and the websafe version is hex FFFFFF. A complement of this color would be $229.6930, 9.0254, -1.4848$, and the grayscale version is $245.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.4210, -8.5886, 1.3848$ is the 20% darker color. If you saturate the color by 10%, you get $242.1580, -19.7979, 3.3694$, and if you desaturate by 10%, it is $248.4560, 1.7472, -0.3999$.

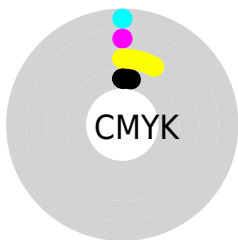
Distribution



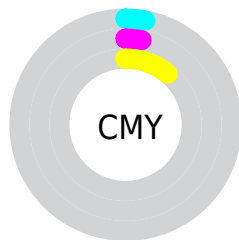
- Red (97%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 245.3070, -9.0254, 1.4848 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 245.3070, -9.0254, 1.4848 by changing the saturation by 10% instead.


 245.3070, -9.0254,
1.4848


 245.3070, -9.0254,
1.4848


255.0000, 0.0000,
0.0000


 216.4210, -8.5886,
1.3848

 189.4210, -8.5886,
1.3848

 162.4210, -8.5886,
1.3848

 135.5350, -8.1518,
1.2848

 110.6490, -7.7150,
1.1848

 85.7630, -7.2782,
1.0848

 62.8770, -6.8414,

0.9849

■ 40.9910, -6.4046,
0.8849

■ 20.1930, -9.4621,
1.5847

■ 245.3070, -9.0254,
1.4848

■ 245.3070, -9.0254,
1.4848

■ 242.1580,
-19.7979, 3.3694

■ 248.4560, 1.7472,
-0.3999

■ 239.0090,
-30.5704, 5.2541

■ 249.0970, 2.9102,
-0.0851

■ 235.6750,
-40.7588, 6.4240

■ 249.6950, 2.6154,
1.1445

■ 232.5260,
-51.5313, 8.3087

■ 249.9940, 2.4680,
1.7593

■ 229.3770,
-62.3039, 10.1934

■ 250.2930, 2.3206,
2.3740

■ 226.2280,
-73.0764, 12.0780

■ 250.5920, 2.1731,
2.9888

■ 223.0790,
-83.8489, 13.9627

■ 250.8910, 2.0257,
3.6036

■ 220.0440,
-94.1847, 15.7474

■ 216.5960,
-104.8098, 17.0173

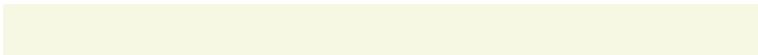
Harmonies

Analogous

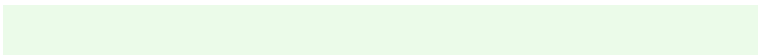
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.8240, -9.7732, 8.0474



245.3070, -9.0254, 1.4848



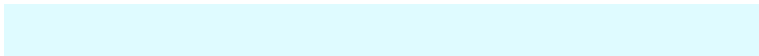
244.1640, -5.5039, -8.0368

Triad

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



245.3070, -9.0254, 1.4848



243.0840, 5.8746, -17.6137



245.6250, 2.1569, 8.2219

Complementary

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



245.3070, -9.0254, 1.4848



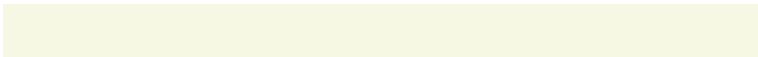
229.6930, 9.0254, -1.4848

Split Complementary

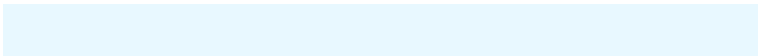
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.3690, 3.7621, 6.6924



245.3070, -9.0254, 1.4848



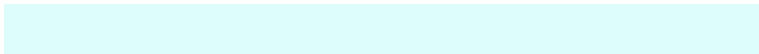
244.0140, 5.4161, -10.5363

Square

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



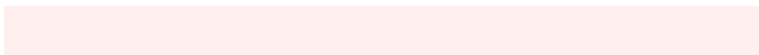
245.3070, -9.0254, 1.4848



243.4320, 4.7170, -19.6729



246.1400, 4.3680, -0.9998



244.3710, -2.6479, 9.3216

Rectangle

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



245.3070, -9.0254, 1.4848



243.3420, -2.1406, -13.4549



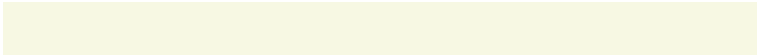
246.1400, 4.3680, -0.9998



245.9670, 3.4673, 7.9219

Sweetspot

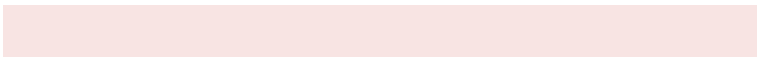
The Sweet Spot groups the original color and five complimentary colors.



245.3070, -9.0254, 1.4848



254.0880, -3.4944, 0.7998



233.8660, -3.3849, 12.3955



127.0170, -2.4734, -0.0149



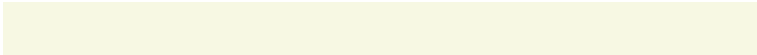
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



245.3070, -9.0254, 1.4848



251.8510, -10.7725, 1.8847



242.3170, -7.5513, -4.6630



123.2190, -5.5310, 0.6849



164.7630, -81.2282, 13.3628



53.1490, -26.2025, 4.2543

Inverse Universe

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



229.6930, 9.0254, -1.4848



233.1490, 10.7725, -1.8847



232.6830, 7.5513, 4.6630



113.7810, 5.5310, -0.6849



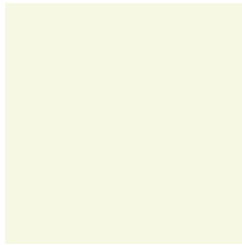
24.2370, 81.2282, -13.3628



7.8510, 26.2025, -4.2543

Previews

White Background



This preview shows how the YUV color 245.3070, -9.0254, 1.4848 looks on a white background.

Color Contrast Check

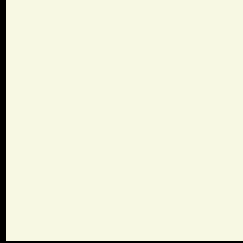
Large Text (above 18pt) WCAG AA × Fail

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 245.3070, -9.0254, 1.4848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

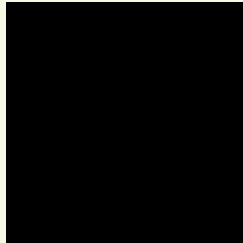
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 245.3070, -9.0254, 1.4848

Background



This preview shows how black text looks on a background with the YUV color 245.3070, -9.0254, 1.4848.



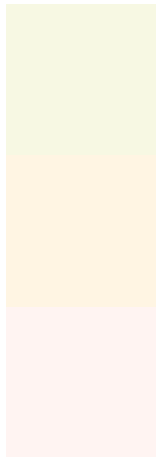
This preview shows how white text looks on a background with the YUV color 245.3070, -9.0254,

1.4848.

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

245.3070, -9.0254, 1.4848

Protanopia

245.9380, -9.3364, 7.9474

Deuteranopia

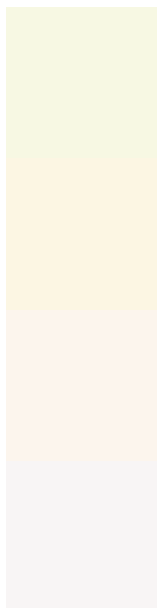
247.0610, -2.4951, 6.9625



Tritanopia

246.7490, 4.0677, 1.9741

Trichromacy



Original Color

245.3070, -9.0254, 1.4848

Protanomaly

245.6280, -9.1836, 5.5882

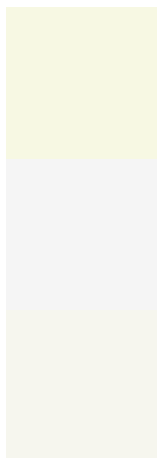
Deuteranomaly

246.1810, -4.5262, 5.1033

Tritanomaly

245.8970, -0.4422, 1.8443

Monochromacy



Original Color

245.3070, -9.0254, 1.4848

Achromatopsia

245.0000, 0.0000, 0.0000

Achromatomaly

245.0880, -3.4944, 0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.3070, -9.0254, 1.4848 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(247, 248, 227)` looks like.

```
.text, #text, p{  
    color:rgb(247, 248, 227)  
}
```

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(247, 248, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 248, 227) }
```

Border

The CSS property to change the border of an element to YUV 245.3070, -9.0254, 1.4848 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(247, 248, 227) }
```


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

```
.border{ border-color:rgb(247, 248, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 248, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 248, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 248, 227);  
box-shadow:4px 4px 4px 4px rgb(247, 248,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 245.3070, -9.0254, 1.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 248, 227) }
```

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

```
.background{ background-color: rgb(247,  
248, 227) }
```

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