

Converting Colors

YUV(247.5460, -8.1572, 3.0292)

Have a look what the booklet for
YUV(247.5460, -8.1572, 3.0292)
contains.

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Color

**YUV(247.5460, -8.1572,
3.0292)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF9E7
RGB	251, 249, 231
RGB Percent	98%, 98%, 91%
CMY	0.0157, 0.0235, 0.0941
CMYK	0.00, 0.01, 0.08, 0.02
HSL	54°, 71%, 95%
HSV	54°, 8%, 98%
XYZ	88.0831, 94.0301, 89.1085
YIQ	247.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

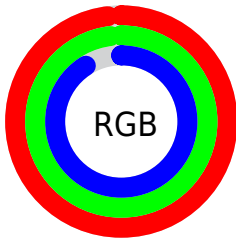
Format	Color
R _Y B	233, 251, 231
Decimal	16513511
CIE Lab	97.64, -2.37, 8.86
CIE LCh	98, 9.174, 104.956
Yxy	94.0301, 0.3248, 0.3467
Android (android.graphics.Color)	4294703591 (0xFFFBF9E7)
YUV	247.5460, -8.1572, 3.0292
Hunter-Lab	96.9691, -7.5532, 13.3947

Details

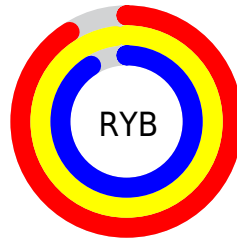
The YUV color $247.5460, -8.1572, 3.0292$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $234.4540, 8.1572, -3.0292$, and the grayscale version is $248.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.2470, -8.0098, 2.4144$ is the 20% darker color. If you saturate the color by 10%, you get $242.9350, -18.2090, 7.0730$, and if you desaturate by 10%, it is $252.0430, 1.4578, -0.9147$.

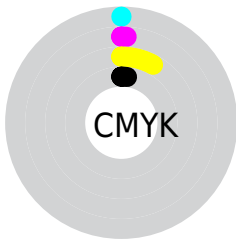
Distribution



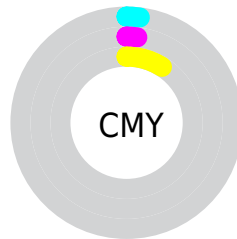
- Red (98%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (91%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 247.5460, -8.1572, 3.0292 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 247.5460, -8.1572, 3.0292 by changing the saturation by 10% instead.


 247.5460, -8.1572,
3.0292

 247.5460, -8.1572,
3.0292

255.0000, 0.0000,
0.0000


 218.6600, -7.7204,
2.9292

 191.2470, -8.0098,
2.4144

 163.7740, -7.2836,
2.8292

 137.7740, -7.2836,
2.8292

 112.4750, -7.1362,
2.2144

 87.8880, -6.8468,
2.7292

 64.7030, -6.2626,

2.0145

■ 42.7030, -6.2626,
2.0145

■ 21.6600, -7.7204,
2.9292

■ 247.5460, -8.1572,
3.0292

■ 247.5460, -8.1572,
3.0292

■ 242.9350,
-18.2090, 7.0730

■ 252.0430, 1.4578,
-0.9147

■ 238.9110,
-28.5501, 10.6021

■ 253.2170, 0.8790,
-1.9443

■ 234.3000,
-38.6019, 14.6459

■ 253.8040, 0.5896,
-2.4591

■ 230.2760,
-48.9431, 18.1749

■ 225.6650,
-58.9948, 22.2188

■ 221.5270,
-69.7728, 25.8478

■ 216.9160,
-79.8246, 29.8917

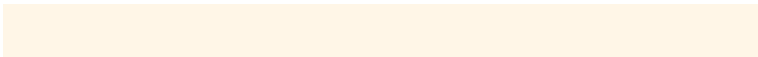
■ 212.8920,
-90.1658, 33.4207

■ 208.2810,
-100.2175, 37.4646

Harmonies

Analogous

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



246.9810, -7.8786, 7.0327



247.5460, -8.1572, 3.0292



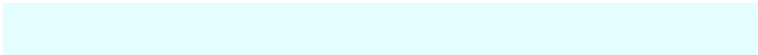
246.7730, -5.8041, -5.0629

Triad

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



247.5460, -8.1572, 3.0292



245.7530, 4.5588, -15.5694



247.7280, 2.5991, 6.3775

Complementary

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



247.5460, -8.1572, 3.0292



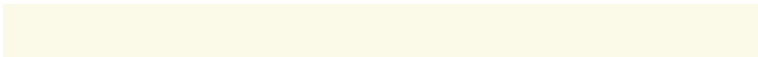
234.4540, 8.1572, -3.0292

Split Complementary

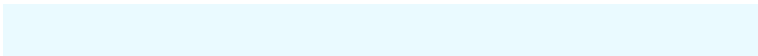
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.1300, 2.8939, 5.1480



247.5460, -8.1572, 3.0292



245.7860, 4.5425, -10.3363

Square

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



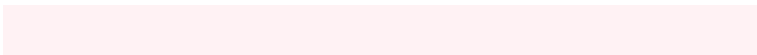
247.5460, -8.1572, 3.0292



245.6990, 3.1064, -16.3990



247.3140, 3.7892, -2.0294



246.1150, -1.0427, 7.7921

Rectangle

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



247.5460, -8.1572, 3.0292



245.8370, -2.8776, -10.3810



247.3140, 3.7892, -2.0294



247.9560, 3.4727, 6.1776

Sweetspot

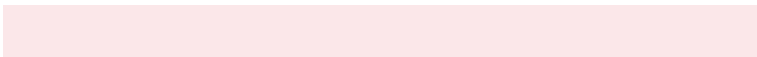
The Sweet Spot groups the original color and five complimentary colors.



247.5460, -8.1572, 3.0292



253.8430, -1.8946, 1.0147



237.2080, -2.0745, 12.0956



127.0710, -1.0210, 0.8147



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.



247.5460, -8.1572, 3.0292



250.3890, -10.0518, 4.0438



246.3280, -7.5567, -2.9187



122.9310, -5.3890, 1.8145



156.3010, -77.0564, 28.6770



50.5240, -24.9083, 9.1875

Inverse Universe

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



234.4540, 8.1572, -3.0292



234.0240, 10.3412, -3.5290



235.6720, 7.5567, 2.9187



114.6560, 5.0996, -2.3293



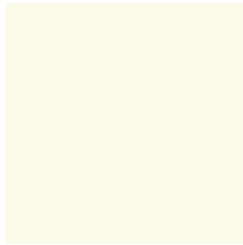
32.6990, 77.0564, -28.6770



10.4760, 24.9083, -9.1875

Previews

White Background



This preview shows how the YUV color 247.5460, -8.1572, 3.0292 looks on a white background.

Color Contrast Check

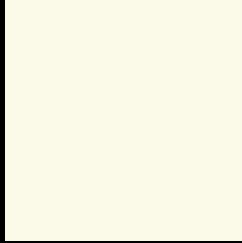
Large Text (above 18pt) WCAG AA × Fail

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 247.5460, -8.1572, 3.0292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

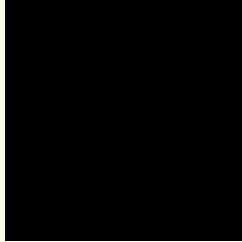
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 247.5460, -8.1572, 3.0292

Background



This preview shows how black text looks on a background with the YUV color 247.5460, -8.1572, 3.0292.



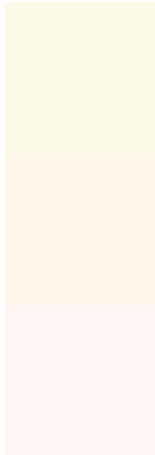
This preview shows how white text looks on a background with the YUV color 247.5460, -8.1572,

3.0292.

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

247.5460, -8.1572, 3.0292

Protanopia

247.9100, -6.8576, 6.2179

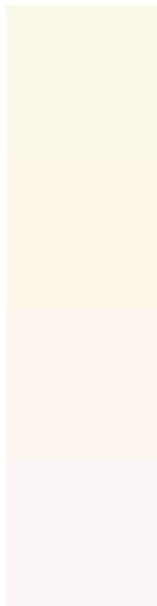
Deuteranopia

248.5770, -1.7635, 5.6330

Tritanopia

248.8200, 3.0467, 2.7889

Trichromacy



Original Color

247.5460, -8.1572, 3.0292

Protanomaly

248.0840, -7.4364, 5.1883

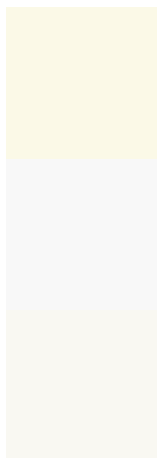
Deuteranomaly

248.2950, -4.0894, 5.0033

Tritanomaly

248.3810, -1.1738, 3.1739

Monochromacy



Original Color

247.5460, -8.1572, 3.0292

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

247.6150, -2.7682, 1.2146

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.5460, -8.1572, 3.0292 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, 249, 231)` looks like.

```
.text, #text, p{  
    color:rgb(251, 249, 231)  
}
```

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, 249, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 249, 231) }
```

Border

The CSS property to change the border of an element to YUV 247.5460, -8.1572, 3.0292 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, 249, 231) }
```


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

```
.border{ border-color:rgb(251, 249, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 249, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 249, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 249, 231);  
box-shadow:4px 4px 4px 4px rgb(251, 249,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 247.5460, -8.1572, 3.0292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 249, 231) }
```

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

```
.background{ background-color: rgb(251,  
249, 231) }
```

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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