

Converting Colors

YUV(247.9040, -7.8407, -5.1778)

Have a look what the booklet for
YUV(247.9040, -7.8407, -5.1778)
contains.

| | |
|--|----|
| YUV(247.9040, -7.8407, -5.1778) | 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(247.9040, -7.8407,
-5.1778)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2FEE8 |
| RGB | 242, 254, 232 |
| RGB Percent | 95%, 100%, 91% |
| CMY | 0.0510, 0.0039, 0.0902 |
| CMYK | 0.05, 0.00, 0.09, 0.00 |
| HSL | 93°, 92%, 95% |
| HSV | 93°, 9%, 100% |
| XYZ | 86.6252, 95.5871, 90.2284 |
| YIQ | 247.9040, -0.0900, -9.3860 |

Conversions

Conversions Part 2

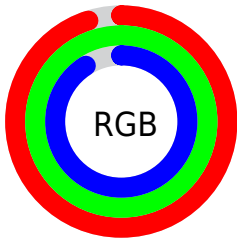
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 232, 254, 244 |
| Decimal | 15924968 |
| CIE Lab | 98.27, -7.76, 9.16 |
| CIE LCh | 98, 12.004, 130.280 |
| Yxy | 95.5871, 0.3180, 0.3509 |
| Android (android.graphics.Color) | 4294115048 (0xFFFF2FEE8) |
| YUV | 247.9040, -7.8407, -5.1778 |
| Hunter-Lab | 97.7686, -12.9400, 13.7207 |

Details

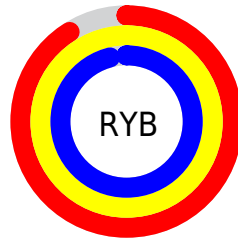
The YUV color **247.9040, -7.8407, -5.1778** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **238.0960, 7.8407, 5.1778**, and the grayscale version is **248.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, 0.0000, 0.0000**, and **191.3170, -7.5513, -4.6630** is the 20% darker color. If you saturate the color by 10%, you get **240.8680, -16.6969, -11.2852**, and if you desaturate by 10%, it is **254.4130, 0.2894, 0.5148**.

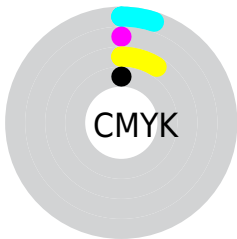
Distribution



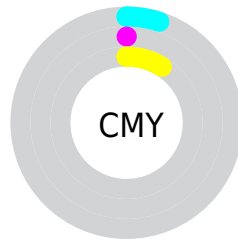
- Red (95%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 247.9040, -7.8407, -5.1778 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 247.9040, -7.8407, -5.1778 by changing the saturation by 10% instead.

 247.9040, -7.8407,
-5.1778


 247.9040, -7.8407,
-5.1778

255.0000, 0.0000,
0.0000


 219.3170, -7.5513,
-4.6630

 191.3170, -7.5513,
-4.6630

 164.4310, -7.1145,
-4.7630

 138.4310, -7.1145,
-4.7630

 112.5450, -6.6777,
-4.8630

 87.9580, -6.3883,
-4.3482

 64.9580, -6.3883,

-4.3482

■ 42.4850, -5.6621,
-3.9333

■ 22.1430, -6.9725,
-3.6334

■ 247.9040, -7.8407,
-5.1778

■ 247.9040, -7.8407,
-5.1778

■ 240.8680,
-16.6969, -11.2852

254.4130, 0.2894,
0.5148

■ 233.7180,
-25.9900, -17.2927

■ 226.6820,
-34.8462, -23.4001

■ 219.8310,
-44.2867, -28.7928

■ 212.7950,
-53.1429, -34.9002

■ 205.7590,
-61.9992, -41.0076

■ 198.6090,
-71.2922, -47.0151

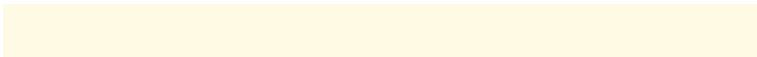
■ 191.5730,
-80.1485, -53.1225

■ 184.4230,
-89.4415, -59.1300

Harmonies

Analogous

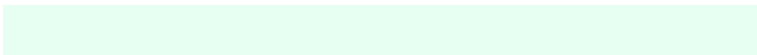
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.8730, -10.7834, 5.3734



247.9040, -7.8407, -5.1778



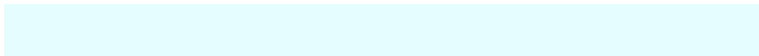
246.0430, -1.9932, -14.0697

Triad

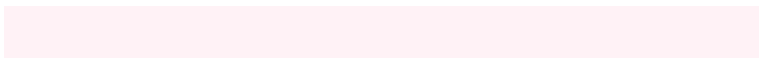
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



247.9040, -7.8407, -5.1778



246.3510, 4.2640, -14.3398



246.3430, -0.1691, 7.5922

Complementary

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



247.9040, -7.8407, -5.1778



238.0960, 7.8407, 5.1778

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.



247.9560, 3.4727, 6.1776



247.9040, -7.8407, -5.1778



248.4770, 3.2158, -4.8033

Square

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



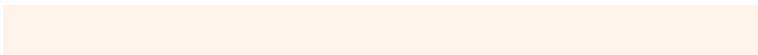
247.9040, -7.8407, -5.1778



245.1330, 4.8644, -20.2876



249.7170, 2.6045, 4.6332



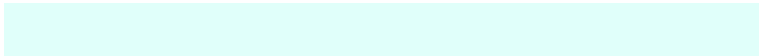
246.2630, -5.5527, 7.6623

Rectangle

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



247.9040, -7.8407, -5.1778



245.1610, 2.3856, -18.5582



249.7170, 2.6045, 4.6332



246.7990, 1.5781, 7.1923

Sweetspot

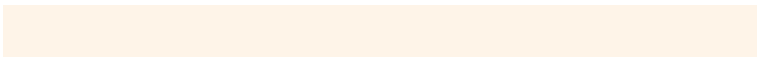
The Sweet Spot groups the original color and five complimentary colors.



247.9040, -7.8407, -5.1778



252.8920, -2.9048, -1.6593



245.6220, -6.7156, 7.3475



126.4190, -2.1786, -1.2445



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

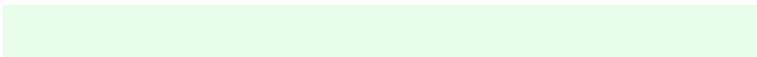
The Same Dimension uses a secret algorithm to generate beautiful new colors.



247.9040, -7.8407, -5.1778



247.9640, -8.8563, -6.1074



245.0280, -5.9298, -11.4256



124.4250, -4.6465, -3.0037



138.1300, -68.0981, -44.8410



46.2390, -22.7958, -15.1186

Inverse Universe

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



238.0960, 7.8407, 5.1778



236.7370, 9.0037, 5.4927



240.9720, 5.9298, 11.4256



118.5750, 4.6465, 3.0037



52.8700, 68.0981, 44.8410



17.7610, 22.7958, 15.1186

Previews

White Background



This preview shows how the YUV color 247.9040, -7.8407, -5.1778 looks on a white background.

Color Contrast Check

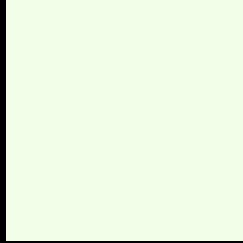
Large Text (above 18pt) WCAG AA × Fail

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 247.9040, -7.8407, -5.1778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

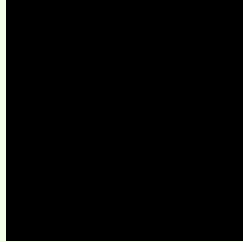
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

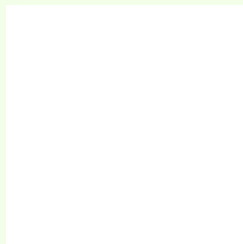
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 247.9040, -7.8407, -5.1778

Background



This preview shows how black text looks on a background with the YUV color 247.9040, -7.8407, -5.1778.



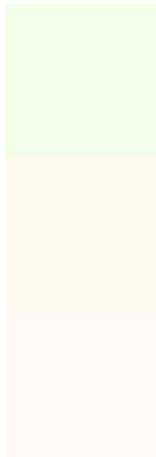
This preview shows how white text looks on a background with the YUV color 247.9040, -7.8407, -5.1778.

-5.178.

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

247.9040, -7.8407, -5.1778

Protanopia

249.6540, -5.2524, 4.6884

Deuteranopia

249.9790, -1.4686, 4.4034

Tritanopia

250.2710, 2.3314, -1.1147

Trichromacy



Original Color

247.9040, -7.8407, -5.1778

Protanomaly

248.9910, -6.4046, 0.8849

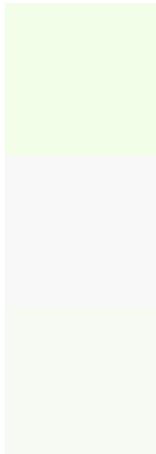
Deuteranomaly

249.0880, -3.4944, 0.7998

Tritanomaly

249.0490, -1.0102, -2.6740

Monochromacy



Original Color

247.9040, -7.8407, -5.1778

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

247.8920, -2.9048, -1.6593

CSS Examples

Text

The CSS property to change the color of the text to YUV 247.9040, -7.8407, -5.1778 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(242, 254, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 254, 232)  
}
```

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(242, 254, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 254, 232) }
```

Border

The CSS property to change the border of an element to YUV 247.9040, -7.8407, -5.1778 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(242, 254, 232) }
```


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

```
.border{ border-color:rgb(242, 254, 232) }
```

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

Here you see how a box with a 4 pixel rgb(242, 254, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 254, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 254, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 254,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 247.9040, -7.8407, -5.1778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 254, 232) }
```

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

```
.background{ background-color: rgb(242,  
254, 232) }
```

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