

Converting Colors

YUV(248.6960, -2.3151, -4.1184)

Have a look what the booklet for
YUV(248.6960, -2.3151, -4.1184)
contains.

YUV(248.6960, -2.3151, -4.1184)	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(248.6960, -2.3151,
-4.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FCF4
RGB	244, 252, 244
RGB Percent	96%, 99%, 96%
CMY	0.0431, 0.0118, 0.0431
CMYK	0.03, 0.00, 0.03, 0.01
HSL	120°, 57%, 97%
HSV	120°, 3%, 99%
XYZ	88.4478, 95.3856, 99.3375
YIQ	248.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

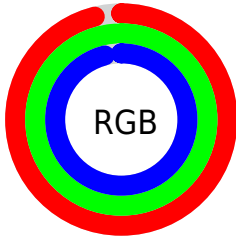
Format	Color
R _Y B	244, 252, 252
Decimal	16055540
CIE Lab	98.19, -4.04, 2.90
CIE LCh	98, 4.971, 144.324
Yxy	95.3856, 0.3123, 0.3368
Android (android.graphics.Color)	4294245620 (0xFF4FCF4)
YUV	248.6960, -2.3151, -4.1184
Hunter-Lab	97.6655, -9.2617, 8.0609

Details

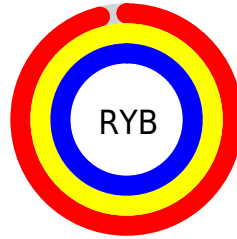
The YUV color 248.6960, -2.3151, -4.1184 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247.3040, 2.3151, 4.1184, and the grayscale version is 249.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 192.1090, -2.0257, -3.6036 is the 20% darker color. If you saturate the color by 10%, you get 238.3710, -9.5499, -16.9884, and if you desaturate by 10%, it is 253.2390, 0.8682, 1.5444.

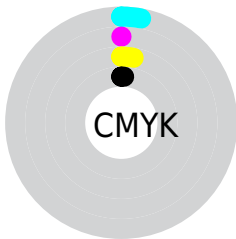
Distribution



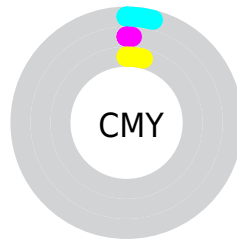
- Red (96%)
- Green (99%)
- Blue (96%)



- Red (96%)
- Yellow (99%)
- Blue (99%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (1%)




- Cyan (4%)
- Magenta (1%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 248.6960, -2.3151, -4.1184 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 248.6960, -2.3151, -4.1184 by changing the saturation by 10% instead.

 248.6960, -2.3151,
-4.1184


 248.6960, -2.3151,
-4.1184


255.0000, 0.0000,
0.0000


 220.1090, -2.0257,
-3.6036

 192.1090, -2.0257,
-3.6036

 165.1090, -2.0257,
-3.6036

 139.1090, -2.0257,
-3.6036

 113.1090, -2.0257,
-3.6036

 89.1090, -2.0257,
-3.6036

 65.5220, -1.7363,

-3.0888

■ 43.5220, -1.7363,
-3.0888

■ 22.9350, -1.4470,
-2.5740

■ 248.6960, -2.3151,
-4.1184

■ 248.6960, -2.3151,
-4.1184

■ 238.3710, -9.5499,
-16.9884

■ 253.2390, 0.8682,
1.5444

■ 228.0460,
-16.7847, -29.8583

■ 217.3080,
-24.3088, -43.2431

■ 206.9830,
-31.5436, -56.1131

■ 196.6580,
-38.7784, -68.9831

■ 186.3330,
-46.0132, -81.8530

■ 176.0080,
-53.2479, -94.7230

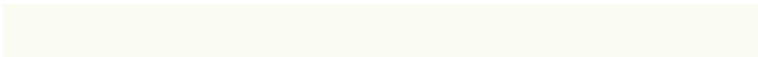
■ 165.2700,
-60.7721, -108.1078

■ 154.9450,
-68.0069, -120.9778

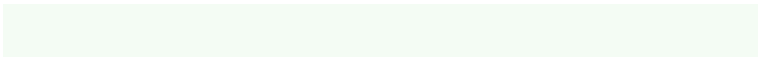
Harmonies

Analogous

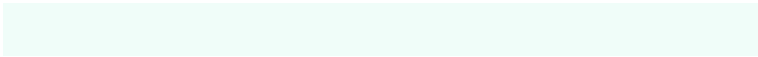
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.5610, -4.2206, 0.3850



248.6960, -2.3151, -4.1184



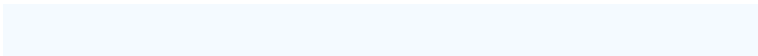
248.6570, 0.1691, -7.5922

Triad

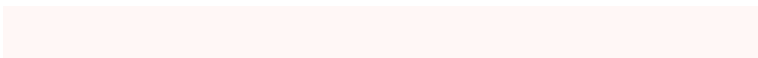
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.6960, -2.3151, -4.1184



248.7760, 3.0684, -4.1886



249.2780, -1.6161, 5.0182

Complementary

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



248.6960, -2.3151, -4.1184



247.3040, 2.3151, 4.1184

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.



249.8480, 0.5679, 4.5183



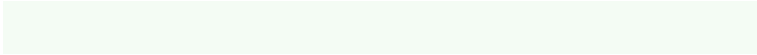
248.6960, -2.3151, -4.1184



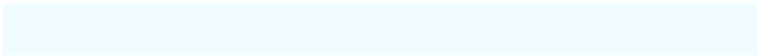
249.9830, 2.4734, 0.0149

Square

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



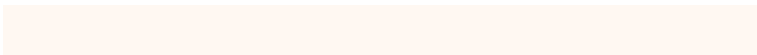
248.6960, -2.3151, -4.1184



248.7540, 3.0793, -7.6773



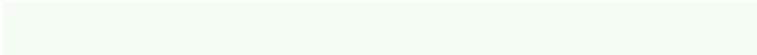
250.3040, 2.3151, 4.1184



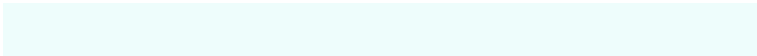
249.4090, -3.6526, 4.9033

Rectangle

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



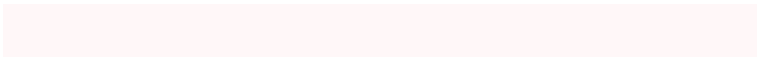
248.6960, -2.3151, -4.1184



248.4010, 1.7743, -9.1217



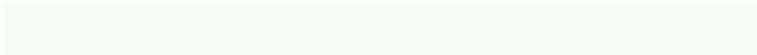
250.3040, 2.3151, 4.1184



249.5060, -0.7425, 4.8182

Sweetspot

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



248.6960, -2.3151, -4.1184



253.7610, -0.8682, -1.5444



251.0880, -3.4944, 0.7998



127.1740, -0.5788, -1.0296



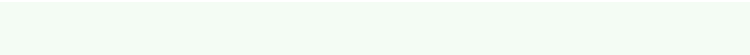
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

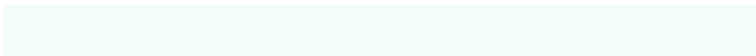
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.6960, -2.3151, -4.1184



250.8700, -2.8939, -5.1480



249.1520, -0.5679, -4.5183



122.5220, -1.7363, -3.0888



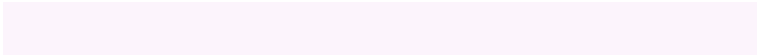
110.9430, -54.6949, -97.2970



35.8070, -17.6529, -31.4027

Inverse Universe

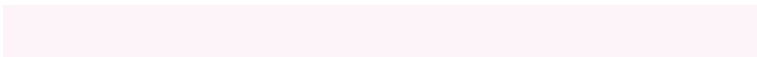
The Inverse Universe completely reimagines the original color for something new.



247.3040, 2.3151, 4.1184



249.1300, 2.8939, 5.1480



246.8480, 0.5679, 4.5183



121.4780, 1.7363, 3.0888



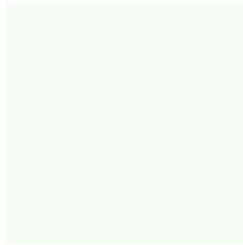
78.0570, 54.6949, 97.2970



25.1930, 17.6529, 31.4027

Previews

White Background



This preview shows how the YUV color 248.6960, -2.3151, -4.1184 looks on a white background.

Color Contrast Check

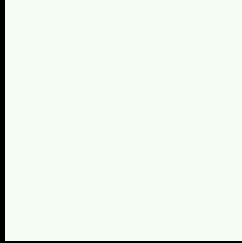
Large Text (above 18pt) WCAG AA × Fail

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 248.6960, -2.3151, -4.1184 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

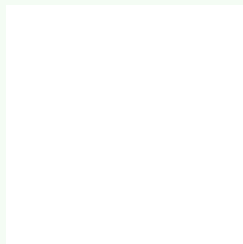
Any Text WCAG AAA ✓ Pass

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

YUV 248.6960, -2.3151, -4.1184 Background



This preview shows how black text looks on a background with the YUV color 248.6960, -2.3151, -4.1184.



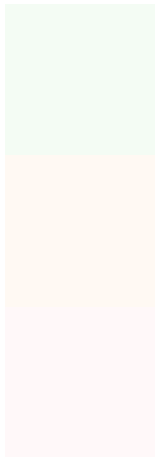
This preview shows how white text looks on a background with the YUV color 248.6960, -2.3151,

-4.184.

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

248.6960, -2.3151, -4.1184

Protanopia

250.1100, -3.5052, 4.2885

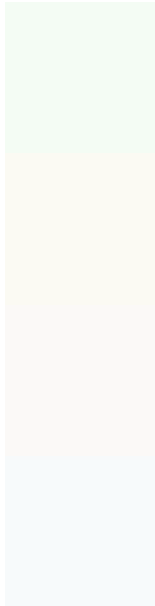
Deuteranopia

250.2070, -0.5951, 4.2035

Tritanopia

249.6840, 2.6208, -0.5999

Trichromacy



Original Color

248.6960, -2.3151, -4.1184

Protanomaly

249.5010, -3.2050, 1.3146

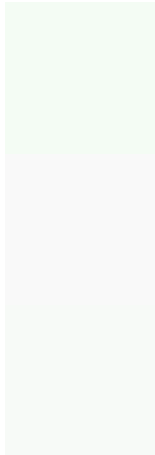
Deuteranomaly

249.3700, -1.1684, 1.4295

Tritanomaly

249.2170, 0.8790, -1.9443

Monochromacy



Original Color

248.6960, -2.3151, -4.1184

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

248.7610, -0.8682, -1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.6960, -2.3151, -4.1184 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(244, 252, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 252, 244)  
}
```

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(244, 252, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 252, 244) }
```

Border

The CSS property to change the border of an element to YUV 248.6960, -2.3151, -4.1184 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(244, 252, 244) }
```


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

```
.border{ border-color:rgb(244, 252, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 252, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 252, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 252, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 252,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 248.6960, -2.3151, -4.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 252, 244) }
```

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

```
.background{ background-color: rgb(244,  
252, 244) }
```

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