

Converting Colors

YUV(249.1200, -2.0312, -1.8592)

Have a look what the booklet for
YUV(249.1200, -2.0312, -1.8592)
contains.

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Color

**YUV(249.1200, -2.0312,
-1.8592)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FBF5
RGB	247, 251, 245
RGB Percent	97%, 98%, 96%
CMY	0.0314, 0.0157, 0.0392
CMYK	0.02, 0.00, 0.02, 0.02
HSL	100°, 43%, 97%
HSV	100°, 2%, 98%
XYZ	89.3364, 95.3611, 100.0842
YIQ	249.1200, -0.4580, -2.7140

Conversions

Conversions Part 2

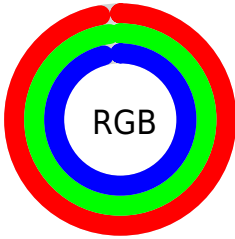
Format	Color
R _Y B	245, 251, 249
Decimal	16251893
CIE Lab	98.18, -2.37, 2.40
CIE LCh	98, 3.369, 134.631
Yxy	95.3611, 0.3137, 0.3349
Android (android.graphics.Color)	4294441973 (0xFF7FBF5)
YUV	249.1200, -2.0312, -1.8592
Hunter-Lab	97.6530, -7.5947, 7.5910

Details

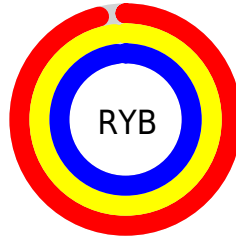
The YUV color 249.1200, -2.0312, -1.8592 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 246.8800, 2.0312, 1.8592, and the grayscale version is 249.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.1200, -2.0312, -1.8592 is the 20% darker color. If you saturate the color by 10%, you get 241.1870, -10.4452, -9.8110, and if you desaturate by 10%, it is 252.6520, 1.1576, 2.0592.

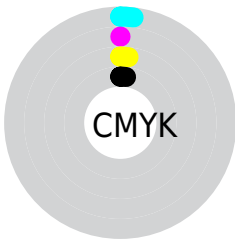
Distribution



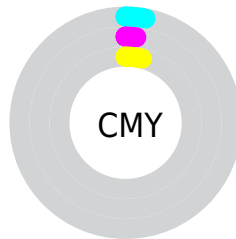
- Red (97%)
- Green (98%)
- Blue (96%)



- Red (96%)
- Yellow (98%)
- Blue (98%)



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





- Cyan (3%)
- Magenta (2%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 249.1200, -2.0312, -1.8592 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 249.1200, -2.0312, -1.8592 by changing the saturation by 10% instead.


 249.1200, -2.0312,
-1.8592

 249.1200, -2.0312,
-1.8592


255.0000, 0.0000,
0.0000


 220.5330, -1.7418,
-1.3444

 193.1200, -2.0312,
-1.8592

 165.5330, -1.7418,
-1.3444

 139.2340, -1.5944,
-1.9592

 113.5330, -1.7418,
-1.3444

 89.5330, -1.7418,
-1.3444

 65.6470, -1.3050,

-1.4444

■ 43.6470, -1.3050,
-1.4444

■ 23.6470, -1.3050,
-1.4444

■ 249.1200, -2.0312,
-1.8592

■ 249.1200, -2.0312,
-1.8592

■ 241.1870,
-10.4452, -9.8110

■ 252.6520, 1.1576,
2.0592

■ 233.5530,
-19.0066, -17.1480

■ 225.6200,
-27.4207, -25.0997

■ 217.6870,
-35.8347, -33.0515

■ 209.7540,
-44.2487, -41.0033

■ 202.0060,
-53.2470, -48.2403

■ 194.0730,
-61.6610, -56.1920

■ 186.1400,
-70.0750, -64.1438

■ 178.2070,
-78.4891, -72.0955

Harmonies

Analogous

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



249.5010, -3.2050, 1.3146



249.1200, -2.0312, -1.8592



249.1520, -0.5679, -4.5183

Triad

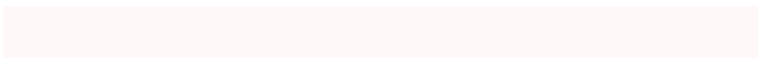
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.1200, -2.0312, -1.8592



249.6620, 2.6316, -4.0886



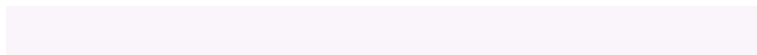
250.0930, -1.0318, 4.3034

Complementary

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



249.1200, -2.0312, -1.8592



246.8800, 2.0312, 1.8592

Split Complementary

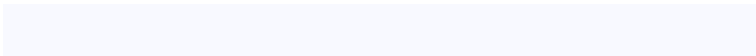
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.5490, 0.7153, 3.9035



249.1200, -2.0312, -1.8592



249.3850, 2.7682, -1.2146

Square

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



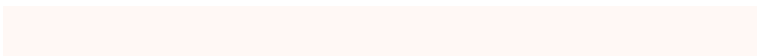
249.1200, -2.0312, -1.8592



248.6510, 2.6371, -5.8329



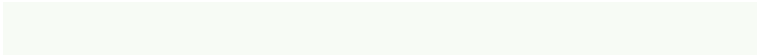
249.8800, 2.0312, 1.8592



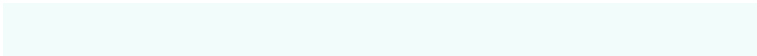
249.7510, -2.3422, 4.6034

Rectangle

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



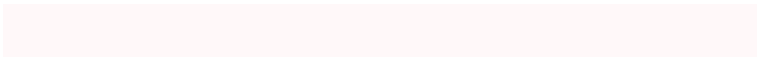
249.1200, -2.0312, -1.8592



248.7820, 0.6005, -5.9478



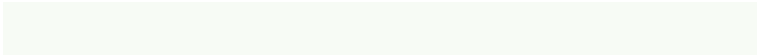
249.8800, 2.0312, 1.8592



250.2070, -0.5951, 4.2035

Sweetspot

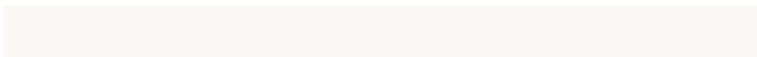
The Sweet Spot groups the original color and five complimentary colors.



249.1200, -2.0312, -1.8592



254.0600, -1.0156, -0.9296



249.1420, -2.0420, 1.6295



127.4730, -0.7262, -0.4148



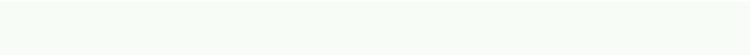
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

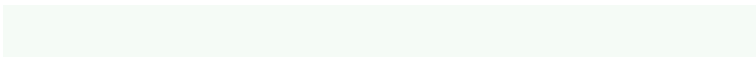
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.1200, -2.0312, -1.8592



252.5930, -2.7573, -2.2741



248.6360, -1.2995, -3.1888



123.5330, -1.7418, -1.3444



129.7800, -63.9815, -58.5661



41.7870, -20.6010, -19.1072

Inverse Universe

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



246.8800, 2.0312, 1.8592



249.4070, 2.7573, 2.2741



247.3640, 1.2995, 3.1888



121.4670, 1.7418, 1.3444



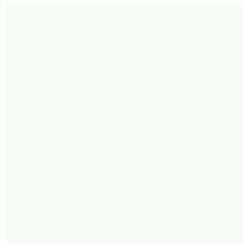
59.2200, 63.9815, 58.5661



19.2130, 20.6010, 19.1072

Previews

White Background



This preview shows how the YUV color 249.1200, -2.0312, -1.8592 looks on a white background.

Color Contrast Check

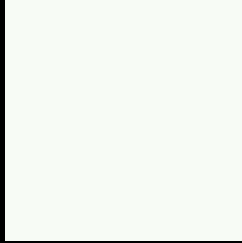
Large Text (above 18pt) WCAG AA × Fail

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 249.1200, -2.0312, -1.8592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

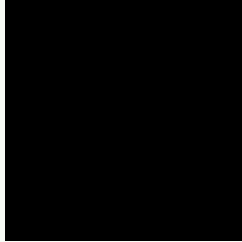
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

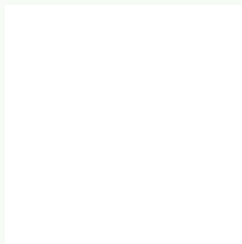
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 249.1200, -2.0312, -1.8592

Background



This preview shows how black text looks on a background with the YUV color 249.1200, -2.0312, -1.8592.



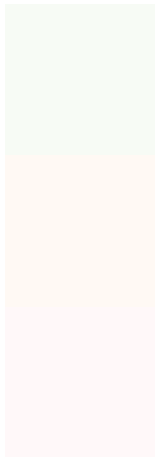
This preview shows how white text looks on a background with the YUV color 249.1200, -2.0312, -1.8592.

-1.892.

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

249.1200, -2.0312, -1.8592

Protanopia

250.2240, -3.0684, 4.1886

Deuteranopia

250.2070, -0.5951, 4.2035

Tritanopia

249.9830, 2.4734, 0.0149

Trichromacy



Original Color

249.1200, -2.0312, -1.8592

Protanomaly

249.9140, -2.9156, 1.8294

Deuteranomaly

249.7830, -0.8790, 1.9443

Tritanomaly

249.8150, 0.5842, -0.7148

Monochromacy



Original Color

249.1200, -2.0312, -1.8592

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

249.1740, -0.5788, -1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.1200, -2.0312, -1.8592 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, 251, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 245)  
}
```

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, 251, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 245) }
```

Border

The CSS property to change the border of an element to YUV 249.1200, -2.0312, -1.8592 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, 251, 245) }
```


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

```
.border{ border-color:rgb(247, 251, 245) }
```

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

Here you see how a box with a 4 pixel rgb(247, 251, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 249.1200, -2.0312, -1.8592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 245) }
```

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

```
.background{ background-color: rgb(247,  
251, 245) }
```

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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