

Converting Colors

YUV(249.3210, -0.1583, 4.1035)

Have a look what the booklet for
YUV(249.3210, -0.1583, 4.1035)
contains.

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Color

**YUV(249.3210, -0.1583,
4.1035)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF7F9
RGB	254, 247, 249
RGB Percent	100%, 97%, 98%
CMY	0.0039, 0.0314, 0.0235
CMYK	0.00, 0.03, 0.02, 0.00
HSL	343°, 78%, 98%
HSV	343°, 3%, 100%
XYZ	91.2327, 94.4319, 103.0412
YIQ	249.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

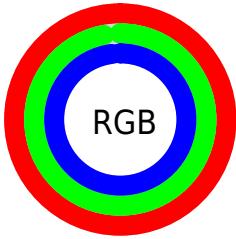
Format	Color
R_{YB}	254, 247, 249
Decimal	16709625
CIE _{Lab}	97.81, 2.68, -0.14
CIE _{LCh}	98, 2.682, 356.998
Yxy	94.4319, 0.3160, 0.3271
Android (android.graphics.Color)	4294899705 (0xFFFEF7F9)
YUV	249.3210, -0.1583, 4.1035
Hunter-Lab	97.1761, -2.4754, 5.1548

Details

The YUV color 249.3210, -0.1583, 4.1035 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.6790, 0.1583, -4.1035, 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 193.0220, -0.0108, 3.4887 is the 20% darker color. If you saturate the color by 10%, you get 232.5940, -0.7858, 18.7731, and if you desaturate by 10%, it is 254.7010, 0.1474, -0.6148.

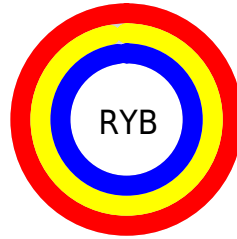
Distribution



Red (100%)

Green (97%)

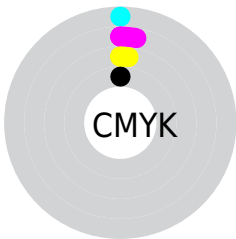
Blue (98%)



Red (100%)

Yellow (97%)

Blue (98%)

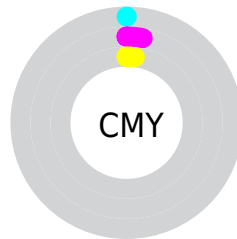


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (3%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 249.3210, -0.1583, 4.1035 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 249.3210, -0.1583, 4.1035 by changing the saturation by 10% instead.

 249.3210, -0.1583,
4.1035


 249.3210, -0.1583,
4.1035


255.0000, 0.0000,
0.0000


 220.9080, -0.4476,
3.5887

 193.0220, -0.0108,
3.4887

 165.9080, -0.4476,
3.5887

 139.3210, -0.1583,
4.1035

 114.0220, -0.0108,
3.4887

 89.6090, -0.3002,
2.9739

 66.0220, -0.0108,

3.4887

■ 43.7230, 0.1366,
2.8739

■ 23.6090, -0.3002,
2.9739

■ 249.3210, -0.1583,
4.1035

■ 249.3210, -0.1583,
4.1035

■ 232.5940, -0.7858,
18.7731

254.7010, 0.1474,
-0.6148

■ 215.2800, -1.1240,
33.9574

■ 198.5530, -1.7516,
48.6270

■ 181.1250, -2.5266,
63.9114

■ 164.3980, -3.1542,
78.5810

■ 147.6710, -3.7818,
93.2505

■ 130.3570, -4.1200,
108.4349

■ 113.6300, -4.7476,
123.1045

■ 96.3160, -5.0858,
138.2889

Harmonies

Analogous

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



249.0650, 1.4470, 2.5740



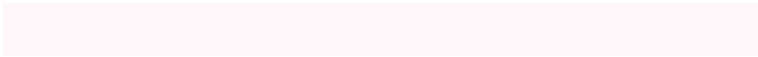
249.3210, -0.1583, 4.1035



249.2780, -1.6161, 5.0182

Triad

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



249.3210, -0.1583, 4.1035



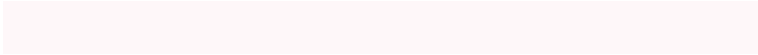
248.1310, -2.0366, -0.1149



248.5480, 2.1948, -3.9886

Complementary

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



249.3210, -0.1583, 4.1035



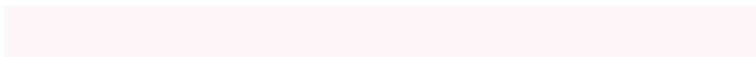
251.6790, 0.1583, -4.1035

Split Complementary

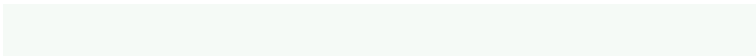
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



248.0210, 1.4686, -4.4034



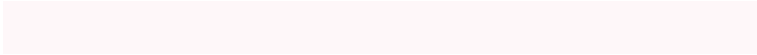
249.3210, -0.1583, 4.1035



248.0490, -1.0102, -2.6740

Square

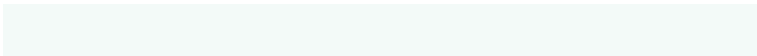
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



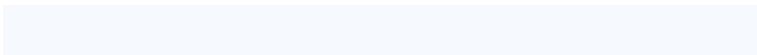
249.3210, -0.1583, 4.1035



248.3270, -2.6262, 2.3442



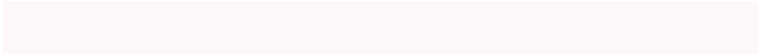
247.6790, 0.1583, -4.1035



248.6730, 2.6262, -2.3442

Rectangle

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



249.3210, -0.1583, 4.1035



248.8650, -1.9054, 4.5034



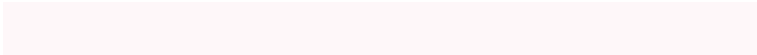
247.6790, 0.1583, -4.1035



248.1350, 1.9054, -4.5034

Sweetspot

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



249.3210, -0.1583, 4.1035



253.0110, -0.0054, 1.7444



249.2930, 2.3206, 2.3740



126.7120, 0.1420, 1.1296



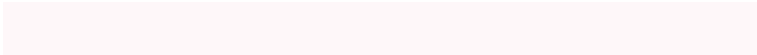
0.0000, 0.0000, 0.0000



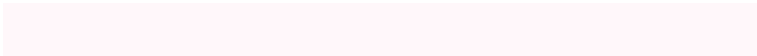
128.0000, 0.0000, 0.0000

Same Dimension

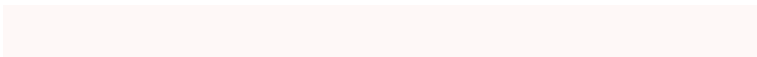
The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.3210, -0.1583, 4.1035



249.7340, 0.1311, 4.6183



249.6800, -1.3212, 3.7886



124.0220, -0.0108, 3.4887



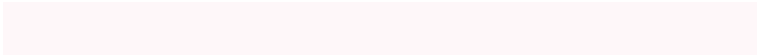
63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Inverse Universe

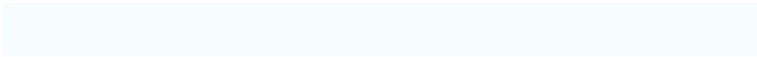
The Inverse Universe completely reimagines the original color for something new.



249.3210, -0.1583, 4.1035



249.7340, 0.1311, 4.6183



251.3200, 1.3212, -3.7886



124.0220, -0.0108, 3.4887



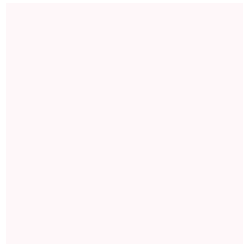
63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 249.3210, -0.1583, 4.1035 looks on a white background.

Color Contrast Check

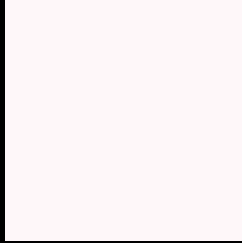
Large Text (above 18pt) WCAG AA × Fail

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 249.3210, -0.1583, 4.1035 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 249.3210, -0.1583, 4.1035

Background



This preview shows how black text looks on a background with the YUV color 249.3210, -0.1583, 4.1035.



This preview shows how white text looks on a background with the YUV color 249.3210, -0.1583,

4.1035.

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

249.3210, -0.1583, 4.1035

Protanopia

249.0220, -0.0108, 3.4887

Deuteranopia

249.6200, -0.3057, 4.7183

Tritanopia

249.4070, 2.7573, 2.2741

Trichromacy

Original Color

249.3210, -0.1583, 4.1035

Protanomaly

249.0220, -0.0108, 3.4887

Deuteranomaly

249.6200, -0.3057, 4.7183

Tritanomaly

249.4780, 1.7363, 3.0888

Monochromacy

Original Color

249.3210, -0.1583, 4.1035

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

249.0110, -0.0054, 1.7444

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.3210, -0.1583, 4.1035 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(254, 247, 249)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 249)  
}
```

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(254, 247, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 249) }
```

Border

The CSS property to change the border of an element to YUV 249.3210, -0.1583, 4.1035 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(254, 247, 249) }
```


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

```
.border{ border-color:rgb(254, 247, 249) }
```

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

Here you see how a box with a 4 pixel rgb(254, 247, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 249);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 249.3210, -0.1583, 4.1035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 249) }
```

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

```
.background{ background-color: rgb(254,  
247, 249) }
```

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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