

Converting Colors

YUV(245.5180, -5.6784, 1.2997)

Have a look what the booklet for
YUV(245.5180, -5.6784, 1.2997)
contains.

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Color

**YUV(245.5180, -5.6784,
1.2997)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F7EA
RGB	247, 247, 234
RGB Percent	97%, 97%, 92%
CMY	0.0314, 0.0314, 0.0824
CMYK	0.00, 0.00, 0.05, 0.03
HSL	60°, 45%, 94%
HSV	60°, 5%, 97%
XYZ	86.4698, 92.2362, 91.0878
YIQ	245.5180, 4.1730, -4.0430

Conversions

Conversions Part 2

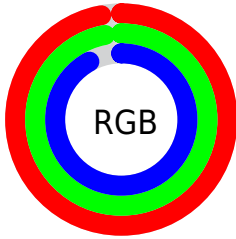
Format	Color
R _Y B	234, 247, 234
Decimal	16250858
CIE Lab	96.92, -2.23, 6.23
CIE LCh	97, 6.620, 109.659
Yxy	92.2362, 0.3205, 0.3419
Android (android.graphics.Color)	4294440938 (0xFF7F7EA)
YUV	245.5180, -5.6784, 1.2997
Hunter-Lab	96.0397, -7.3560, 10.9948

Details

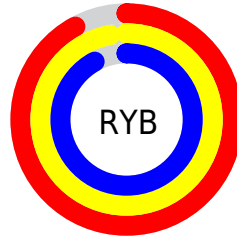
The YUV color $245.5180, -5.6784, 1.2997$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.4820, 5.6784, -1.2997$, and the grayscale version is $246.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $189.5180, -5.6784, 1.2997$ is the 20% darker color. If you saturate the color by 10%, you get $242.6680, -16.5983, 3.7992$, and if you desaturate by 10%, it is $247.9120, 3.4944, -0.7998$.

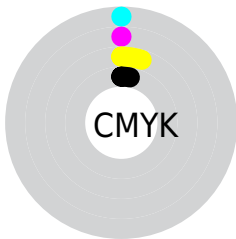
Distribution



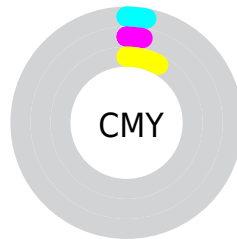
- Red (97%)
- Green (97%)
- Blue (92%)



- Red (92%)
- Yellow (97%)
- Blue (92%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (3%)





- Cyan (3%)
- Magenta (3%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 245.5180, -5.6784, 1.2997 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 245.5180, -5.6784, 1.2997 by changing the saturation by 10% instead.

 245.5180, -5.6784,
1.2997

 245.5180, -5.6784,
1.2997

255.0000, 0.0000,
0.0000


 217.2190, -5.5310,
0.6849

 189.5180, -5.6784,
1.2997

 162.6320, -5.2416,
1.1997

 135.7460, -4.8048,
1.0998

 110.7460, -4.8048,
1.0998

 86.4470, -4.6574,
0.4850

 62.8600, -4.3680,

0.9998

■ 40.9740, -3.9312,
0.8998

■ 20.6320, -5.2416,
1.1997

■ 245.5180, -5.6784,
1.2997

■ 245.5180, -5.6784,
1.2997

■ 242.6680,
-16.5983, 3.7992

■ 247.9120, 3.4944,
-0.7998

■ 239.9320,
-27.0815, 6.1986

■ 237.0820,
-38.0014, 8.6981

■ 234.2320,
-48.9214, 11.1975

■ 231.3820,
-59.8413, 13.6970

■ 228.6460,
-70.3245, 16.0965

■ 225.7960,
-81.2444, 18.5959

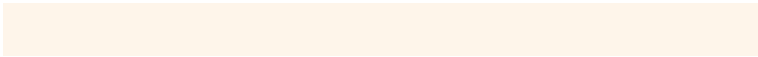
■ 222.9460,
-92.1644, 21.0954

■ 220.2100,
-102.6475, 23.4948

Harmonies

Analogous

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



246.4370, -6.1314, 6.6328



245.5180, -5.6784, 1.2997



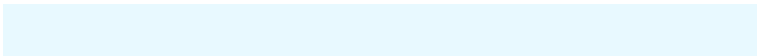
245.0550, -3.4781, -4.4332

Triad

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



245.5180, -5.6784, 1.2997



244.6010, 5.1267, -11.0511



246.6850, 1.1413, 7.2923

Complementary

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



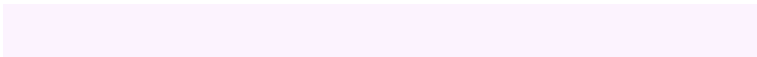
245.5180, -5.6784, 1.2997



235.4820, 5.6784, -1.2997

Split Complementary

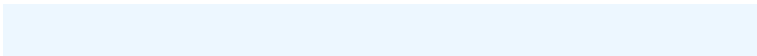
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.9450, 3.4781, 4.4332



245.5180, -5.6784, 1.2997



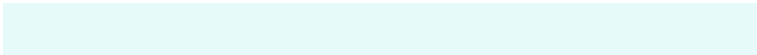
244.9220, 4.9685, -6.9476

Square

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



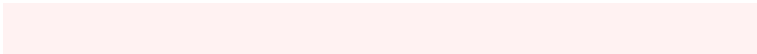
245.5180, -5.6784, 1.2997



244.3190, 2.8007, -11.6808



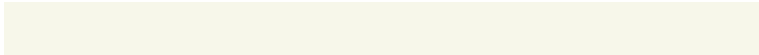
246.1400, 4.3680, -0.9998



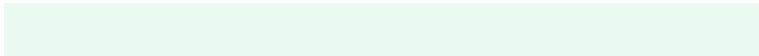
245.8870, -1.9163, 7.9921

Rectangle

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



245.5180, -5.6784, 1.2997



244.4890, -1.7201, -8.3219



246.1400, 4.3680, -0.9998



246.9130, 2.0149, 7.0923

Sweetspot

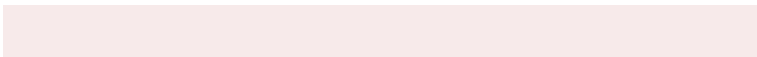
The Sweet Spot groups the original color and five complimentary colors.



245.5180, -5.6784, 1.2997



254.4300, -2.1840, 0.4999



237.8870, -1.9163, 7.9921



127.6580, -1.3104, 0.2999



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.



245.5180, -5.6784, 1.2997



253.2900, -6.5520, 1.4997



243.7240, -4.7939, -2.3889



121.0880, -3.4944, 0.7998



164.7960, -81.2444, 18.5959



52.2740, -25.7711, 5.8987

Inverse Universe

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



235.4820, 5.6784, -1.2997



241.7100, 6.5520, -1.4997



237.5750, 4.6465, 3.0037



114.9120, 3.4944, -0.7998



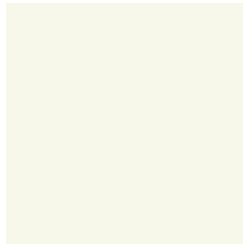
21.2040, 81.2444, -18.5959



6.7260, 25.7711, -5.8987

Previews

White Background



This preview shows how the YUV color 245.5180, -5.6784, 1.2997 looks on a white background.

Color Contrast Check

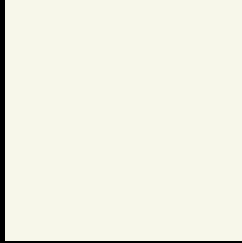
Large Text (above 18pt) WCAG AA × Fail

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 245.5180, -5.6784, 1.2997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

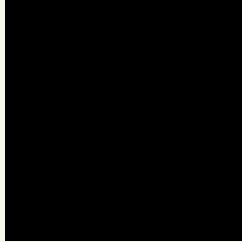
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

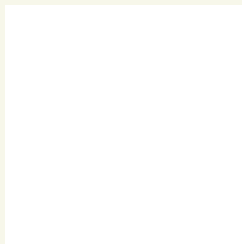
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 245.5180, -5.6784, 1.2997

Background



This preview shows how black text looks on a background with the YUV color 245.5180, -5.6784, 1.2997.



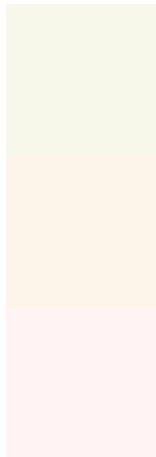
This preview shows how white text looks on a background with the YUV color 245.5180, -5.6784,

1.2997.

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

245.5180, -5.6784, 1.2997

Protanopia

246.0240, -6.4208, 6.1180

Deuteranopia

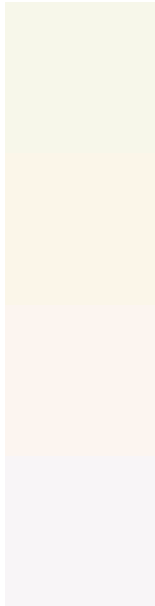
247.1750, -2.0583, 6.8625



Tritanopia

246.7490, 4.0677, 1.9741

Trichromacy



Original Color

245.5180, -5.6784, 1.2997

Protanomaly

246.0130, -6.4154, 4.3736

Deuteranomaly

246.5230, -3.2158, 4.8033

Tritanomaly

246.1250, 0.4314, 1.6444

Monochromacy



Original Color

245.5180, -5.6784, 1.2997

Achromatopsia

246.0000, 0.0000, 0.0000

Achromatomaly

245.5440, -1.7472, 0.3999

CSS Examples

Text

The CSS property to change the color of the text to YUV 245.5180, -5.6784, 1.2997 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, 247, 234)` looks like.

```
.text, #text, p{  
    color:rgb(247, 247, 234)  
}
```

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, 247, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 247, 234) }
```

Border

The CSS property to change the border of an element to YUV 245.5180, -5.6784, 1.2997 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, 247, 234) }
```


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

```
.border{ border-color:rgb(247, 247, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 247, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 247, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 247, 234);  
box-shadow:4px 4px 4px 4px rgb(247, 247,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 245.5180, -5.6784, 1.2997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 247, 234) }
```

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

```
.background{ background-color: rgb(247,  
247, 234) }
```

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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