

Converting Colors

YUV(246.9530, -5.3998, 5.3032)

Have a look what the booklet for
YUV(246.9530, -5.3998, 5.3032)
contains.

YUV(246.9530, -5.3998, 5.3032)	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(246.9530, -5.3998,
5.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	FDF6EC
RGB	253, 246, 236
RGB Percent	99%, 96%, 93%
CMY	0.0078, 0.0353, 0.0745
CMYK	0.00, 0.03, 0.07, 0.01
HSL	35°, 81%, 96%
HSV	35°, 7%, 99%
XYZ	88.6041, 92.8503, 92.6088
YIQ	246.9530, 7.3820, -1.6260

Conversions

Conversions Part 2

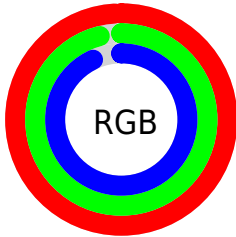
Format	Color
R_{YB}	248, 253, 236
Decimal	16643820
CIE Lab	97.17, 0.65, 5.62
CIE LCh	97, 5.659, 83.416
Yxy	92.8503, 0.3233, 0.3388
Android (android.graphics.Color)	4294833900 (0xFFFD6EC)
YUV	246.9530, -5.3998, 5.3032
Hunter-Lab	96.3589, -4.4933, 10.4686

Details

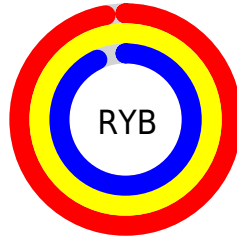
The YUV color $246.9530, -5.3998, 5.3032$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.0470, 5.3998, -5.3032$, and the grayscale version is $247.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $190.6540, -5.2524, 4.6884$ is the 20% darker color. If you saturate the color by 10%, you get $238.2330, -13.4259, 12.9507$, and if you desaturate by 10%, it is $254.4020, 0.2948, -1.2296$.

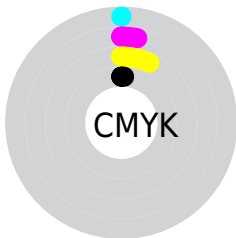
Distribution



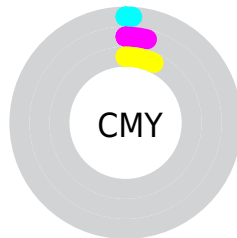
- Red (99%)
- Green (96%)
- Blue (93%)



- Red (97%)
- Yellow (99%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (1%)




- Cyan (1%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 246.9530, -5.3998, 5.3032 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 246.9530, -5.3998, 5.3032 by changing the saturation by 10% instead.

 246.9530, -5.3998,
5.3032


 246.9530, -5.3998,
5.3032


255.0000, 0.0000,
0.0000


 218.6540, -5.2524,
4.6884

 190.6540, -5.2524,
4.6884

 163.6540, -5.2524,
4.6884

 137.1810, -4.5262,
5.1033

 111.7680, -4.8156,
4.5885

 87.4690, -4.6682,
3.9737

 64.5830, -4.2314,

3.8737

■ 42.2840, -4.0840,
3.2589

■ 21.4690, -4.6682,
3.9737

■ 246.9530, -5.3998,
5.3032

■ 246.9530, -5.3998,
5.3032

■ 238.2330,
-13.4259, 12.9507

254.4020, 0.2948,
-1.2296

■ 228.8120,
-21.5993, 21.2129

■ 220.0920,
-29.6254, 28.8603

■ 210.7850,
-37.3620, 37.0226

■ 202.0650,
-45.3880, 44.6700

■ 192.6440,
-53.5615, 52.9322

■ 183.9240,
-61.5875, 60.5797

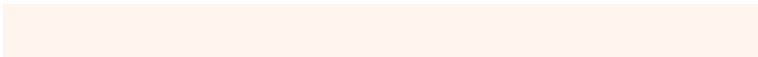
■ 175.2040,
-69.6136, 68.2271

■ 165.7830,
-77.7870, 76.4893

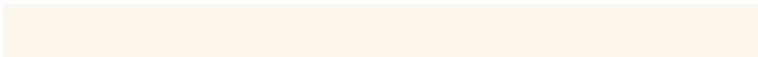
Harmonies

Analogous

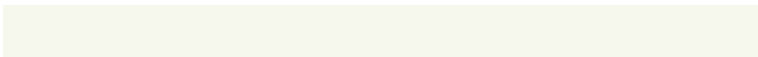
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.6050, -4.2423, 7.3624



246.9530, -5.3998, 5.3032



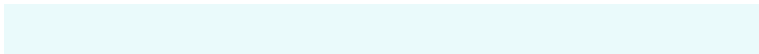
246.4470, -4.6574, 0.4850

Triad

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



246.9530, -5.3998, 5.3032



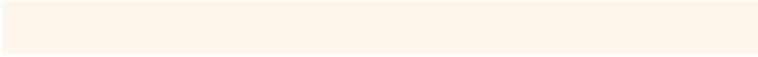
245.3300, 2.7953, -9.9364



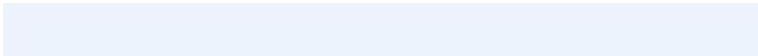
247.7170, 2.6045, 4.6332

Complementary

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



246.9530, -5.3998, 5.3032



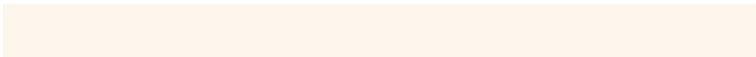
242.0470, 5.3998, -5.3032

Split Complementary

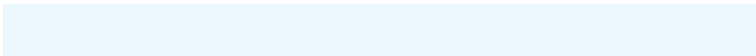
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.3250, 3.7838, -0.2850



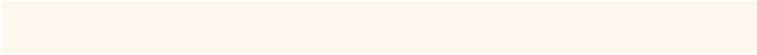
246.9530, -5.3998, 5.3032



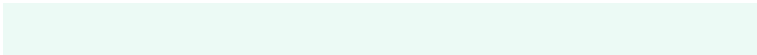
245.4980, 4.6845, -9.2067

Square

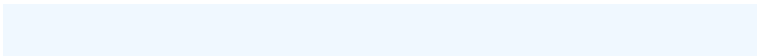
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



246.9530, -5.3998, 5.3032



245.2440, -0.1203, -8.1070



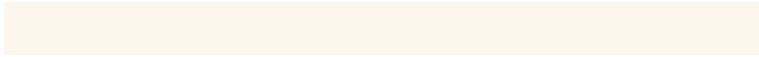
246.4060, 4.2368, -5.6181



247.1580, 0.4151, 6.8774

Rectangle

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



246.9530, -5.3998, 5.3032



245.7670, -3.3361, -3.3037



246.4060, 4.2368, -5.6181



247.9340, 3.4835, 2.6889

Sweetspot

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



246.9530, -5.3998, 5.3032



253.2560, -1.6052, 1.5295



241.8810, 0.5517, 9.7514



126.4840, -0.7316, 1.3295



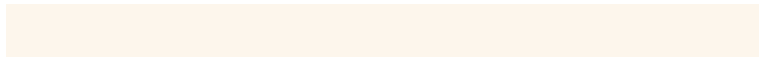
0.0000, 0.0000, 0.0000



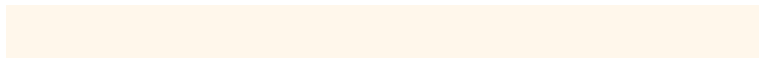
128.0000, 0.0000, 0.0000

Same Dimension

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



246.9530, -5.3998, 5.3032



248.0240, -6.4208, 6.1180



250.7630, -7.2782, 1.0848



122.9960, -3.9420, 4.3885



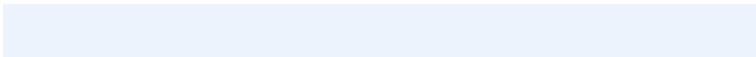
122.8530, -60.5665, 59.7649



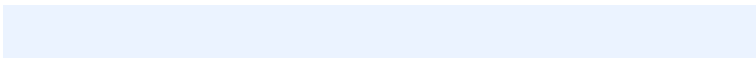
40.8550, -20.1415, 20.2982

Inverse Universe

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



242.0470, 5.3998, -5.3032



241.9760, 6.4208, -6.1180



238.2370, 7.2782, -1.0848



119.4170, 4.2314, -3.8737



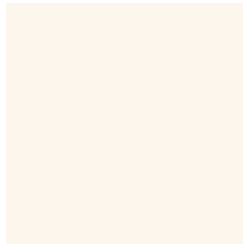
68.1470, 60.5665, -59.7649



22.5580, 20.4309, -19.7834

Previews

White Background



This preview shows how the YUV color 246.9530, -5.3998, 5.3032 looks on a white background.

Color Contrast Check

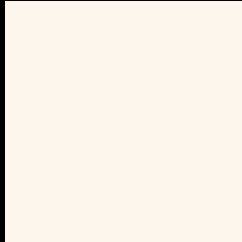
Large Text (above 18pt) WCAG AA × Fail

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 246.9530, -5.3998, 5.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

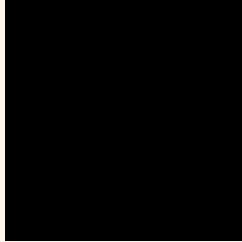
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

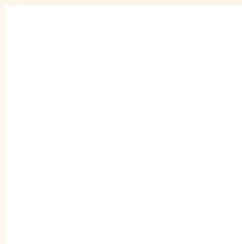
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 246.9530, -5.3998, 5.3032

Background



This preview shows how black text looks on a background with the YUV color 246.9530, -5.3998, 5.3032.

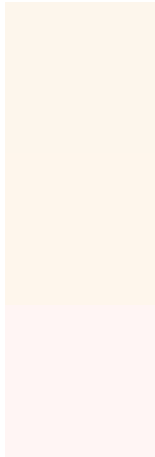


This preview shows how white text looks on a background with the YUV color 246.9530, -5.3998,

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

246.9530, -5.3998, 5.3032

Protanopia

247.2520, -5.5472, 5.9180

Deuteranopia

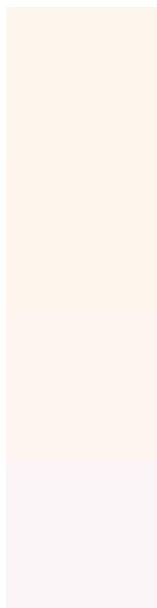
247.8760, -1.9109, 6.2477



Tritanopia

247.6460, 3.6255, 3.8185

Trichromacy



Original Color

246.9530, -5.3998, 5.3032

Protanomaly

247.2520, -5.5472, 5.9180

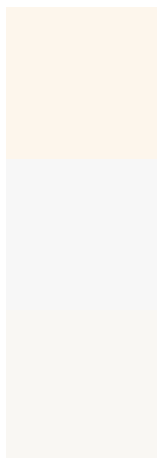
Deuteranomaly

247.2350, -3.0739, 5.9329

Tritanomaly

247.4350, 0.2785, 4.0035

Monochromacy



Original Color

246.9530, -5.3998, 5.3032

Achromatopsia

247.0000, 0.0000, 0.0000

Achromatomaly

247.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 246.9530, -5.3998, 5.3032 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(253, 246, 236)` looks like.

```
.text, #text, p{  
    color:rgb(253, 246, 236)  
}
```

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(253, 246, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 246, 236) }
```

Border

The CSS property to change the border of an element to YUV 246.9530, -5.3998, 5.3032 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(253, 246, 236) }
```


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

```
.border{ border-color:rgb(253, 246, 236) }
```

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

Here you see how a box with a 4 pixel rgb(253, 246, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 246, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 246, 236);  
box-shadow:4px 4px 4px 4px rgb(253, 246,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 246.9530, -5.3998, 5.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 246, 236) }
```

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

```
.background{ background-color: rgb(253,  
246, 236) }
```

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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