

Converting Colors

YUV(248.2520, -5.5472, 5.9180)

Have a look what the booklet for
YUV(248.2520, -5.5472, 5.9180)
contains.

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Color

**YUV(248.2520, -5.5472,
5.9180)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF7ED
RGB	255, 247, 237
RGB Percent	100%, 97%, 93%
CMY	0.0000, 0.0314, 0.0706
CMYK	0.00, 0.03, 0.07, 0.00
HSL	33°, 100%, 96%
HSV	33°, 7%, 100%
XYZ	89.7868, 93.8960, 93.5122
YIQ	248.2520, 7.9780, -1.4140

Conversions

Conversions Part 2

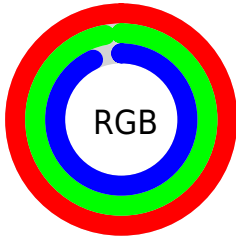
Format	Color
R _Y B	251, 255, 237
Decimal	16775149
CIE Lab	97.59, 0.99, 5.74
CIE LCh	98, 5.822, 80.226
Yxy	93.8960, 0.3239, 0.3387
Android (android.graphics.Color)	4294965229 (0xFFFFF7ED)
YUV	248.2520, -5.5472, 5.9180
Hunter-Lab	96.8999, -4.1780, 10.6128

Details

The YUV color $248.2520, -5.5472, 5.9180$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $243.7480, 5.5472, -5.9180$, and the grayscale version is $248.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $191.9530, -5.3998, 5.3032$ is the 20% darker color. If you saturate the color by 10%, you get $238.9450, -13.2839, 14.0802$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

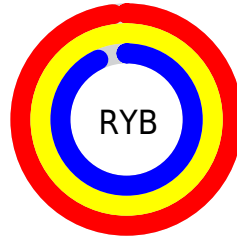
Distribution



Red (100%)

Green (97%)

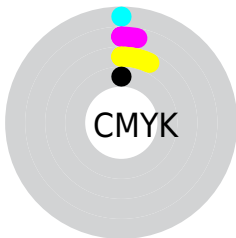
Blue (93%)



Red (98%)

Yellow (100%)

Blue (93%)

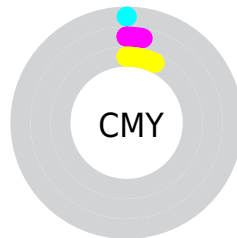


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 248.2520, -5.5472, 5.9180 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 248.2520, -5.5472, 5.9180 by changing the saturation by 10% instead.

 248.2520, -5.5472,
5.9180

 248.2520, -5.5472,
5.9180


255.0000, 0.0000,
0.0000


 219.9530, -5.3998,
5.3032

 191.9530, -5.3998,
5.3032

 164.9530, -5.3998,
5.3032

 138.0670, -4.9630,
5.2032

 113.0670, -4.9630,
5.2032

 88.7680, -4.8156,
4.5885

 64.8820, -4.3788,

4.4885

■ 42.9960, -3.9420,
4.3885

■ 22.4690, -4.6682,
3.9737

■ 248.2520, -5.5472,
5.9180

■ 248.2520, -5.5472,
5.9180

■ 238.9450,
-13.2839, 14.0802

255.0000, 0.0000,
0.0000

■ 228.9370,
-21.1679, 22.8573

■ 219.6300,
-28.9046, 31.0195

■ 210.2090,
-37.0780, 39.2817

■ 200.3150,
-44.5253, 47.9587

■ 190.8940,
-52.6987, 56.2210

■ 181.4730,
-60.8722, 64.4832

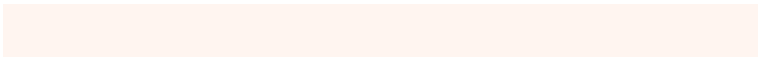
■ 171.5790,
-68.3194, 73.1602

■ 162.2720,
-76.0561, 81.3225

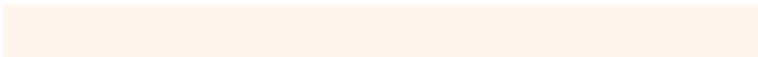
Harmonies

Analogous

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



247.4200, -3.6581, 6.6477



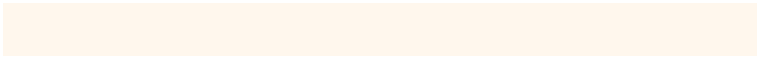
248.2520, -5.5472, 5.9180



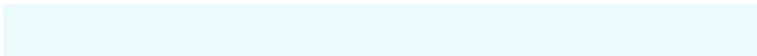
247.6320, -5.2416, 1.1997

Triad

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



248.2520, -5.5472, 5.9180



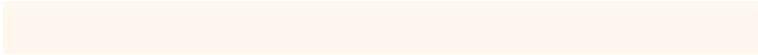
246.3300, 2.7953, -9.9364



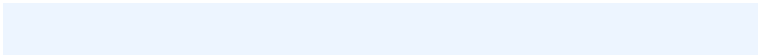
249.4180, 2.7519, 4.0184

Complementary

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



248.2520, -5.5472, 5.9180



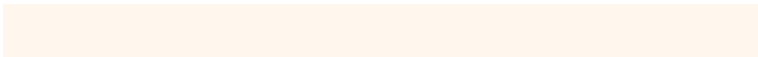
243.7480, 5.5472, -5.9180

Split Complementary

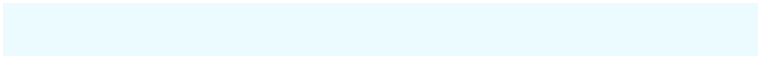
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.9120, 3.4944, -0.7998



248.2520, -5.5472, 5.9180



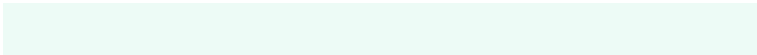
246.9710, 3.9583, -9.6216

Square

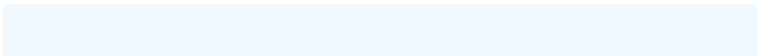
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



248.2520, -5.5472, 5.9180



246.2440, -0.1203, -8.1070



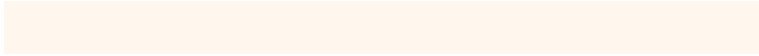
246.9930, 3.9475, -6.1329



248.5600, 0.7099, 5.6479

Rectangle

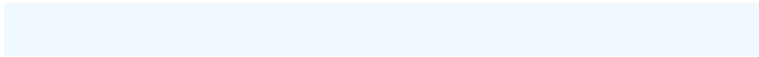
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



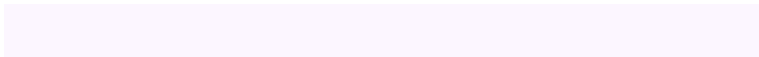
248.2520, -5.5472, 5.9180



246.9520, -3.9203, -2.5889



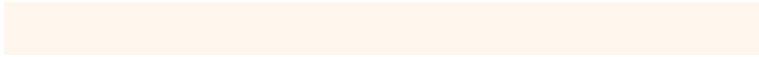
246.9930, 3.9475, -6.1329



248.8200, 3.0467, 2.7889

Sweetspot

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



248.2520, -5.5472, 5.9180



253.2560, -1.6052, 1.5295



243.2940, 0.8411, 10.2662



126.4840, -0.7316, 1.3295



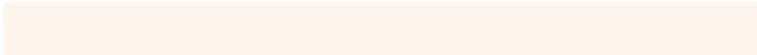
0.0000, 0.0000, 0.0000



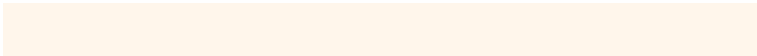
128.0000, 0.0000, 0.0000

Same Dimension

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



248.2520, -5.5472, 5.9180



247.4370, -6.1314, 6.6328



252.6490, -7.7150, 1.1848



122.9960, -3.9420, 4.3885



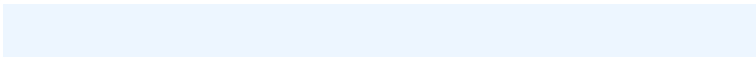
119.3310, -58.8302, 62.8537



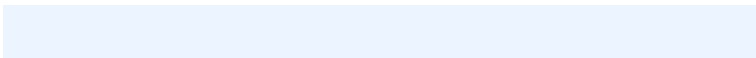
39.6810, -19.5627, 21.3278

Inverse Universe

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



243.7480, 5.5472, -5.9180



242.5630, 6.1314, -6.6328



239.3510, 7.7150, -1.1848



119.4170, 4.2314, -3.8737



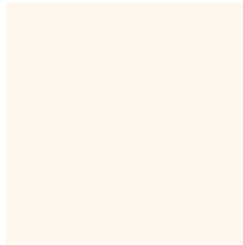
71.6690, 58.8302, -62.8537



23.7320, 19.8521, -20.8130

Previews

White Background



This preview shows how the YUV color 248.2520, -5.5472, 5.9180 looks on a white background.

Color Contrast Check

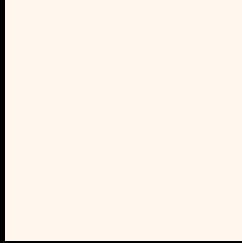
Large Text (above 18pt) WCAG AA × Fail

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 248.2520, -5.5472, 5.9180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

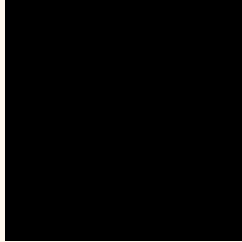
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 248.2520, -5.5472, 5.9180

Background



This preview shows how black text looks on a background with the YUV color 248.2520, -5.5472, 5.9180.



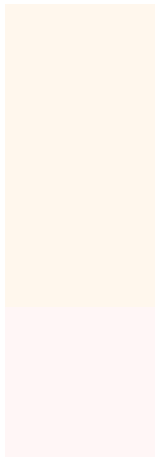
This preview shows how white text looks on a background with the YUV color 248.2520, -5.5472,

5.9130.

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

248.2520, -5.5472, 5.9180

Protanopia

248.2520, -5.5472, 5.9180

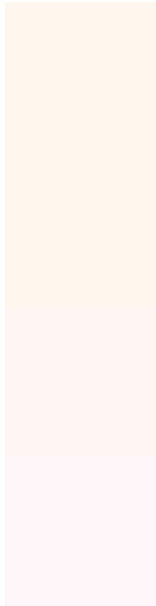
Deuteranopia

248.6910, -1.3267, 5.5330

Tritanopia

249.1190, 2.8993, 3.4036

Trichromacy



Original Color

248.2520, -5.5472, 5.9180

Protanomaly

248.2520, -5.5472, 5.9180

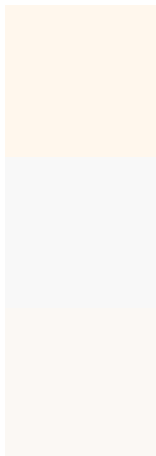
Deuteranomaly

248.3490, -2.6371, 5.8329

Tritanomaly

248.6200, -0.3057, 4.7183

Monochromacy



Original Color

248.2520, -5.5472, 5.9180

Achromatopsia

248.0000, 0.0000, 0.0000

Achromatomaly

248.4410, -2.1894, 2.2442

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.2520, -5.5472, 5.9180 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(255, 247, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 237)  
}
```

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(255, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 237) }
```

Border

The CSS property to change the border of an element to YUV 248.2520, -5.5472, 5.9180 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(255, 247, 237) }
```


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

```
.border{ border-color:rgb(255, 247, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 248.2520, -5.5472, 5.9180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 237) }
```

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

```
.background{ background-color: rgb(255,  
247, 237) }
```

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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