

Converting Colors

YUV(250.8700, -2.8939, -5.1480)

Have a look what the booklet for
YUV(250.8700, -2.8939, -5.1480)
contains.

YUV(250.8700, -2.8939, -5.1480)	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(250.8700, -2.8939,
-5.1480)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FFF5
RGB	245, 255, 245
RGB Percent	96%, 100%, 96%
CMY	0.0392, 0.0000, 0.0392
CMYK	0.04, 0.00, 0.04, 0.00
HSL	120°, 100%, 98%
HSV	120°, 4%, 100%
XYZ	89.8976, 97.5250, 100.4723
YIQ	250.8700, -2.7500, -5.2300

Conversions

Conversions Part 2

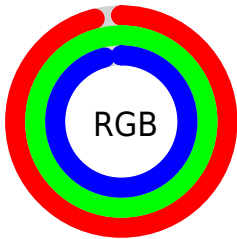
Format	Color
R_{YB}	245, 255, 255
Decimal	16121845
CIE _{Lab}	99.04, -5.04, 3.62
CIE _{LCh}	99, 6.207, 144.269
Yxy	97.5250, 0.3123, 0.3388
Android (android.graphics.Color)	4294311925 (0xFFFF5FFF5)
YUV	250.8700, -2.8939, -5.1480
Hunter-Lab	98.7548, -10.3302, 8.8072

Details

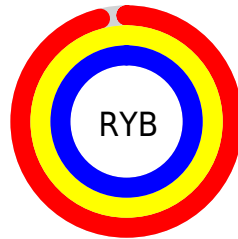
The YUV color 250.8700, -2.8939, -5.1480 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 249.1300, 2.8939, 5.1480, and the grayscale version is 251.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 194.2830, -2.6045, -4.6332 is the 20% darker color. If you saturate the color by 10%, you get 240.5450, -10.1287, -18.0180, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

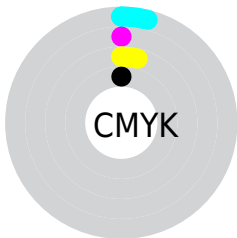
Distribution



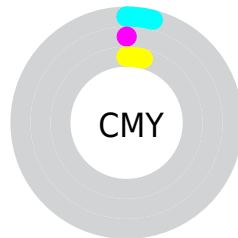
- Red (96%)
- Green (100%)
- Blue (96%)



- Red (96%)
- Yellow (100%)
- Blue (100%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 250.8700, -2.8939, -5.1480 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 250.8700, -2.8939, -5.1480 by changing the saturation by 10% instead.


 250.8700, -2.8939,
-5.1480

 250.8700, -2.8939,
-5.1480


255.0000, 0.0000,
0.0000


 222.2830, -2.6045,
-4.6332

 194.2830, -2.6045,
-4.6332

 167.2830, -2.6045,
-4.6332

 141.2830, -2.6045,
-4.6332

 115.2830, -2.6045,
-4.6332

 90.6960, -2.3151,
-4.1184

 67.6960, -2.3151,

-4.1184

■ 45.1090, -2.0257,
-3.6036

■ 24.1090, -2.0257,
-3.6036

■ 250.8700, -2.8939,
-5.1480

■ 250.8700, -2.8939,
-5.1480

■ 240.5450,
-10.1287, -18.0180

255.0000, 0.0000,
0.0000

■ 229.8070,
-17.6529, -31.4027

■ 219.4820,
-24.8876, -44.2727

■ 208.7440,
-32.4118, -57.6575

■ 198.4190,
-39.6466, -70.5275

■ 187.6810,
-47.1707, -83.9122

■ 176.9430,
-54.6949, -97.2970

■ 166.6180,
-61.9297, -110.1670

■ 156.2930,
-69.1644, -123.0370

Harmonies

Analogous

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



251.3330, -5.0942, 0.5850



250.8700, -2.8939, -5.1480



250.0590, 0.4639, -8.8217

Triad

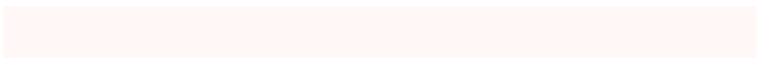
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250.8700, -2.8939, -5.1480



250.8360, 2.0529, -5.1182



249.9790, -1.4686, 4.4034

Complementary

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



250.8700, -2.8939, -5.1480



249.1300, 2.8939, 5.1480

Split Complementary

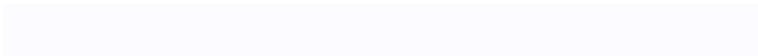
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.7770, 1.5889, 3.7036



250.8700, -2.8939, -5.1480



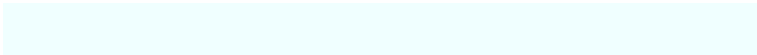
251.7550, 1.5998, 0.2149

Square

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



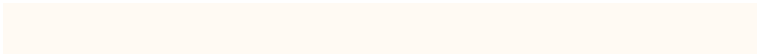
250.8700, -2.8939, -5.1480



250.5150, 2.2111, -9.2217



251.4780, 1.7363, 3.0888



250.6970, -3.7946, 3.7737

Rectangle

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



250.8700, -2.8939, -5.1480



249.9170, 2.5059, -10.4512



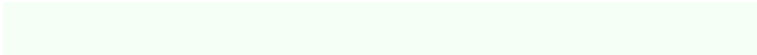
251.4780, 1.7363, 3.0888



250.2070, -0.5951, 4.2035

Sweetspot

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



250.8700, -2.8939, -5.1480



253.7610, -0.8682, -1.5444



253.8600, -4.3680, 0.9998



127.1740, -0.5788, -1.0296



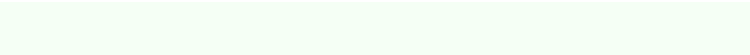
0.0000, 0.0000, 0.0000



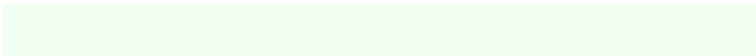
128.0000, 0.0000, 0.0000

Same Dimension

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



250.8700, -2.8939, -5.1480



249.6310, -3.7621, -6.6924



251.4400, -0.7099, -5.6479



124.6960, -2.3151, -4.1184



112.1170, -55.2737, -98.3266



37.5680, -18.5210, -32.9471

Inverse Universe

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



249.1300, 2.8939, 5.1480



247.3690, 3.7621, 6.6924



248.5600, 0.7099, 5.6479



123.3040, 2.3151, 4.1184



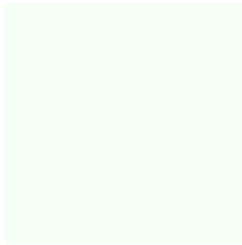
78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 250.8700, -2.8939, -5.1480 looks on a white background.

Color Contrast Check

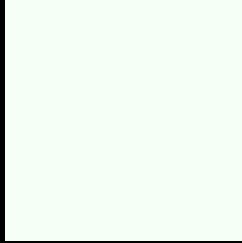
Large Text (above 18pt) WCAG AA × Fail

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 250.8700, -2.8939, -5.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

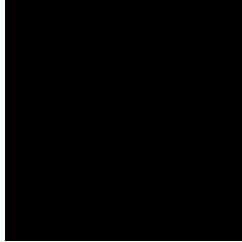
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 250.8700, -2.8939, -5.1480

Background



This preview shows how black text looks on a background with the YUV color 250.8700, -2.8939, -5.1480.



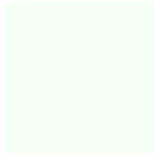
This preview shows how white text looks on a background with the YUV color 250.8700, -2.8939,

-5.180.

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

250.8700, -2.8939, -5.1480

Protanopia

252.4410, -2.1894, 2.2442

Deuteranopia

252.3100, -0.1528, 2.3591

Tritanopia

252.3420, 1.3104, -0.2999

Trichromacy

**Original Color**

250.8700, -2.8939, -5.1480

Protanomaly

251.7180, -2.3260, -0.6297

Deuteranomaly

251.3590, -1.1630, -0.3148

Tritanomaly

251.5760, -0.2840, -2.2592

Monochromacy

**Original Color**

250.8700, -2.8939, -5.1480

**Achromatopsia**

251.0000, 0.0000, 0.0000

Achromatomaly

250.7610, -0.8682, -1.5444

CSS Examples

Text

The CSS property to change the color of the text to YUV 250.8700, -2.8939, -5.1480 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(245, 255, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 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(245, 255, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 245) }
```

Border

The CSS property to change the border of an element to YUV 250.8700, -2.8939, -5.1480 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(245, 255, 245) }
```


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

```
.border{ border-color:rgb(245, 255, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 250.8700, -2.8939, -5.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 245) }
```

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

```
.background{ background-color: rgb(245,  
255, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor