

# Converting Colors

YUV(250.3990, -8.5777, -2.1039)

Have a look what the booklet for  
YUV(250.3990, -8.5777, -2.1039)  
contains.

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# Color

**YUV(250.3990, -8.5777,  
-2.1039)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8FFE9
RGB	248, 255, 233
RGB Percent	97%, 100%, 91%
CMY	0.0275, 0.0000, 0.0863
CMYK	0.03, 0.00, 0.09, 0.00
HSL	79°, 100%, 96%
HSV	79°, 9%, 100%
XYZ	89.1794, 97.3597, 91.1828
YIQ	250.3990, 2.8900, -8.3260

# Conversions

## Conversions Part 2

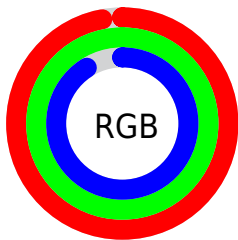
Format	Color
R <sub>Y</sub> B	233, 255, 240
Decimal	16318441
CIE Lab	98.97, -6.07, 9.71
CIE LCh	99, 11.449, 122.008
Yxy	97.3597, 0.3211, 0.3506
Android (android.graphics.Color)	4294508521 (0xFFFF8FFE9)
YUV	250.3990, -8.5777, -2.1039
Hunter-Lab	98.6710, -11.3450, 14.2792

# Details

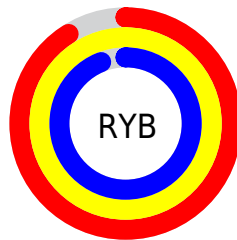
The YUV color 250.3990, -8.5777, -2.1039 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 237.6010, 8.5777, 2.1039, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.8120, -8.2883, -1.5891 is the 20% darker color. If you saturate the color by 10%, you get 245.1570, -18.3184, -4.5227, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

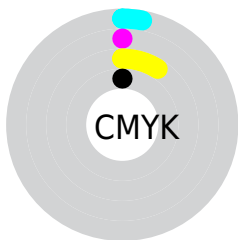
# Distribution



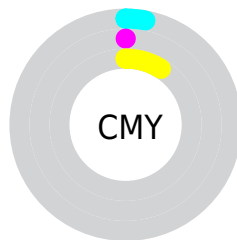
- Red (97%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (94%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 250.3990, -8.5777, -2.1039 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 250.3990, -8.5777, -2.1039 by changing the saturation by 10% instead.



 250.3990, -8.5777,  
-2.1039

 250.3990, -8.5777,  
-2.1039

255.0000, 0.0000,  
0.0000


 221.5130, -8.1409,  
-2.2039

 193.8120, -8.2883,  
-1.5891

 166.6270, -7.7041,  
-2.3039

 140.6270, -7.7041,  
-2.3039

 115.0400, -7.4147,  
-1.7891

 90.1540, -6.9779,  
-1.8891

 67.1540, -6.9779,

-1.8891

■ 44.6810, -6.2517,  
-1.4742

■ 23.7520, -7.2727,  
-0.6595

■ 250.3990, -8.5777,  
-2.1039

■ 250.3990, -8.5777,  
-2.1039

■ 245.1570,  
-18.3184, -4.5227

255.0000, 0.0000,  
0.0000

■ 239.8010,  
-28.4959, -6.8415

■ 234.4450,  
-38.6734, -9.1603

■ 229.2030,  
-48.4141, -11.5790

■ 223.6620,  
-58.0074, -14.6126

■ 218.3060,  
-68.1849, -16.9314

■ 213.0640,  
-77.9256, -19.3501

■ 207.7080,  
-88.1030, -21.6689

■ 202.4660,  
-97.8437, -24.0877

# Harmonies

## Analogous

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



249.8020, -9.7624, 4.5586



250.3990, -8.5777, -2.1039



247.7230, -3.3144, -10.2811

# Triad

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



250.3990, -8.5777, -2.1039



247.5250, 3.6852, -15.3694



248.7880, 1.5835, 5.4479

# Complementary

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



250.3990, -8.5777, -2.1039



237.6010, 8.5777, 2.1039

# Split Complementary

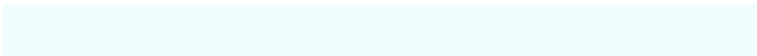
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.7170, 2.6045, 4.6332



250.3990, -8.5777, -2.1039



249.9390, 2.4951, -6.9625

# Square

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



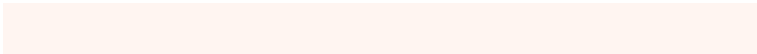
250.3990, -8.5777, -2.1039



246.0300, 4.4222, -18.4433



251.4780, 1.7363, 3.0888



247.5340, -3.2213, 6.5477



# Rectangle

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



250.3990, -8.5777, -2.1039



246.5420, 1.2118, -15.3843



251.4780, 1.7363, 3.0888



249.1300, 2.8939, 5.1480

# Sweetspot

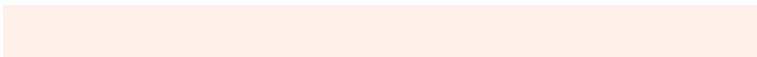
The Sweet Spot groups the original color and five complimentary colors.



250.3990, -8.5777, -2.1039



253.4900, -3.1996, -0.4297



243.6870, -5.2687, 9.9215



126.7180, -2.3260, -0.6297



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

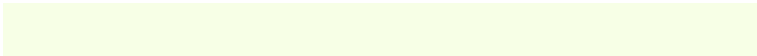


# Same Dimension

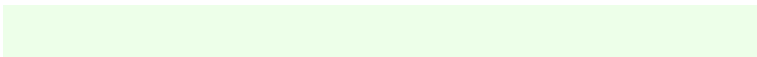
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250.3990, -8.5777, -2.1039



249.7580, -9.7407, -2.4188



247.1100, -6.9562, -8.8665



125.0230, -4.9413, -1.7742



150.9870, -74.4366, -18.4056



50.4250, -24.8595, -6.5117



# Inverse Universe

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



237.6010, 8.5777, 2.1039



235.2420, 9.7407, 2.4188



240.8900, 6.9562, 8.8665



117.6780, 5.0887, 1.1594



40.0130, 74.4366, 18.4056

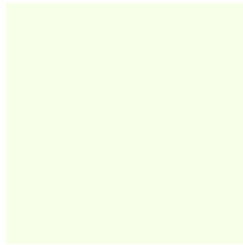


13.2760, 25.0069, 5.8969



# Previews

## White Background



This preview shows how the YUV color 250.3990, -8.5777, -2.1039 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

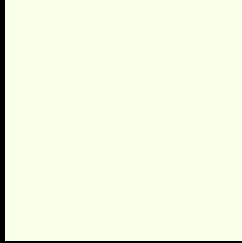
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 250.3990, -8.5777, -2.1039 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

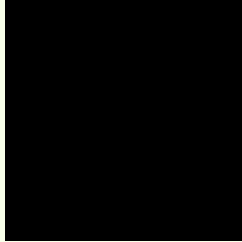
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 250.3990, -8.5777, -2.1039

## Background



This preview shows how black text looks on a background with the YUV color 250.3990, -8.5777, -2.1039.



This preview shows how white text looks on a background with the YUV color 250.3990, -8.5777, -2.1039.

-2.139.

# 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

250.3990, -8.5777, -2.1039



### Protanopia

252.0990, -3.4998, 2.5442

### Deuteranopia

252.0820, -1.0264, 2.5591

## **Tritanopia**

252.3420, 1.3104, -0.2999

# Trichromacy



**Original Color**

250.3990, -8.5777, -2.1039

**Protanomaly**

251.3330, -5.0942, 0.5850

**Deuteranomaly**

251.0880, -3.4944, 0.7998

**Tritanomaly**

251.7180, -2.3260, -0.6297

# Monochromacy



**Original Color**

250.3990, -8.5777, -2.1039

**Achromatopsia**

250.0000, 0.0000, 0.0000

**Achromatomaly**

250.1910, -3.0522, -1.0445

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 250.3990, -8.5777, -2.1039 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(248, 255, 233)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 233)  
}
```

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(248, 255, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 233) }
```

## Border

The CSS property to change the border of an element to YUV 250.3990, -8.5777, -2.1039 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(248, 255, 233) }
```



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

```
.border{ border-color:rgb(248, 255, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 233);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 250.3990, -8.5777, -2.1039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 233) }
```

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

```
.background{ background-color: rgb(248,  
255, 233) }
```

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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