

# Converting Colors

YUV(250.6320, -5.2416, 1.1997)

Have a look what the booklet for  
YUV(250.6320, -5.2416, 1.1997)  
contains.

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# Color

**YUV(250.6320, -5.2416,  
1.1997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCFCF0
RGB	252, 252, 240
RGB Percent	99%, 99%, 94%
CMY	0.0118, 0.0118, 0.0588
CMYK	0.00, 0.00, 0.05, 0.01
HSL	60°, 67%, 96%
HSV	60°, 5%, 99%
XYZ	90.6835, 96.6075, 96.3057
YIQ	250.6320, 3.8520, -3.7320

# Conversions

## Conversions Part 2

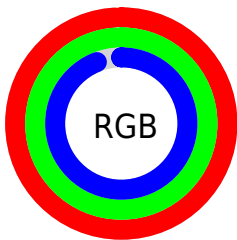
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 252, 240
Decimal	16579824
CIE Lab	98.67, -2.05, 5.73
CIE LCh	99, 6.087, 109.706
Yxy	96.6075, 0.3198, 0.3407
Android (android.graphics.Color)	4294769904 (0xFFFCFCF0)
YUV	250.6320, -5.2416, 1.1997
Hunter-Lab	98.2891, -7.3184, 10.7089

# Details

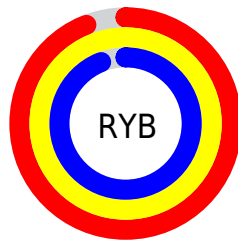
The YUV color 250.6320, -5.2416, 1.1997 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 241.3680, 5.2416, -1.1997, and the grayscale version is 251.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.7460, -4.8048, 1.0998 is the 20% darker color. If you saturate the color by 10%, you get 247.7820, -16.1615, 3.6992, and if you desaturate by 10%, it is 252.3420, 1.3104, -0.2999.

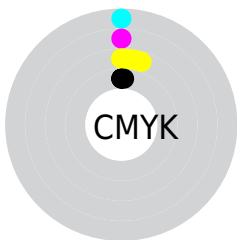
# Distribution



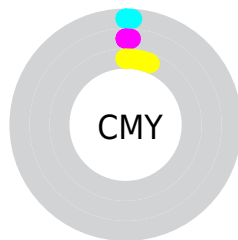
- Red (99%)
- Green (99%)
- Blue (94%)



- Red (94%)
- Yellow (99%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)




- Cyan (1%)
- Magenta (1%)
- Yellow (6%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 250.6320, -5.2416, 1.1997 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 250.6320, -5.2416, 1.1997 by changing the saturation by 10% instead.



 250.6320, -5.2416,  
1.1997

 250.6320, -5.2416,  
1.1997

255.0000, 0.0000,  
0.0000


 221.7460, -4.8048,  
1.0998

 193.7460, -4.8048,  
1.0998

 166.7460, -4.8048,  
1.0998

 140.7460, -4.8048,  
1.0998

 114.8600, -4.3680,  
0.9998

 90.8600, -4.3680,  
0.9998

 66.9740, -3.9312,

0.8998

■ 44.9740, -3.9312,  
0.8998

■ 23.9740, -3.9312,  
0.8998

■ 250.6320, -5.2416,  
1.1997

■ 250.6320, -5.2416,  
1.1997

■ 247.7820,  
-16.1615, 3.6992

■ 252.3420, 1.3104,  
-0.2999

■ 244.9320,  
-27.0815, 6.1986

■ 241.9680,  
-38.4382, 8.7981

■ 239.1180,  
-49.3582, 11.2975

■ 236.2680,  
-60.2781, 13.7970

■ 233.4180,  
-71.1981, 16.2964

■ 230.5680,  
-82.1180, 18.7959

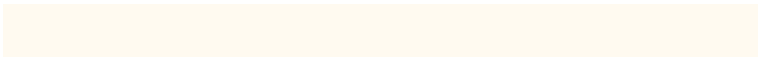
■ 227.6040,  
-93.4748, 21.3953

■ 224.7540,  
-104.3947, 23.8947

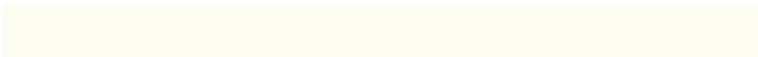
# Harmonies

## Analogous

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



250.3550, -5.1050, 4.0737



250.6320, -5.2416, 1.1997



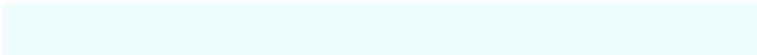
250.0550, -3.4781, -4.4332

# Triad

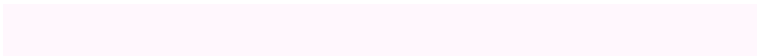
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



250.6320, -5.2416, 1.1997



249.3300, 2.7953, -9.9364



250.0760, 1.4415, 4.3183

# Complementary

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



250.6320, -5.2416, 1.1997



241.3680, 5.2416, -1.1997

# Split Complementary

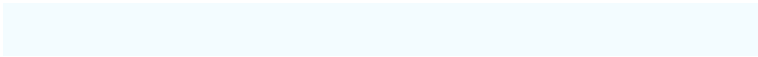
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



251.4780, 1.7363, 3.0888



250.6320, -5.2416, 1.1997



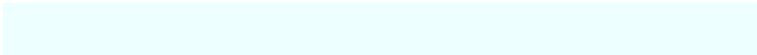
249.6510, 2.6371, -5.8329

# Square

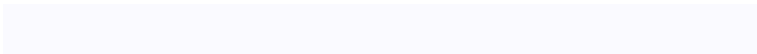
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



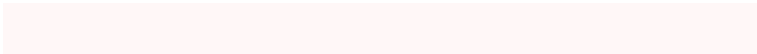
250.6320, -5.2416, 1.1997



249.6180, 2.6533, -11.0660



250.5700, 2.1840, -0.4999



249.3920, -1.1793, 4.9182

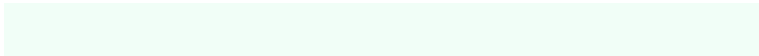


# Rectangle

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



250.6320, -5.2416, 1.1997



249.3150, -1.1413, -7.2923



250.5700, 2.1840, -0.4999



250.8910, 2.0257, 3.6036

# Sweetspot

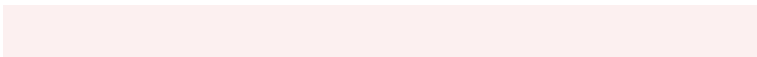
The Sweet Spot groups the original color and five complimentary colors.



250.6320, -5.2416, 1.1997



254.6580, -1.3104, 0.2999



243.5880, -1.7689, 7.3773



127.7720, -0.8736, 0.2000



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.



250.6320, -5.2416, 1.1997



253.2900, -6.5520, 1.4997



248.8380, -4.3571, -2.4889



123.9740, -3.9312, 0.8998



167.4540, -82.5548, 18.8958



54.0460, -26.6447, 6.0987



# Inverse Universe

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



241.3680, 5.2416, -1.1997



241.7100, 6.5520, -1.4997



243.1620, 4.3571, 2.4889



117.0260, 3.9312, -0.8998



21.5460, 82.5548, -18.8958

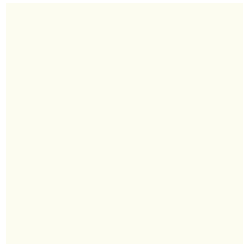


6.9540, 26.6447, -6.0987



# Previews

## White Background



This preview shows how the YUV color 250.6320, -5.2416, 1.1997 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

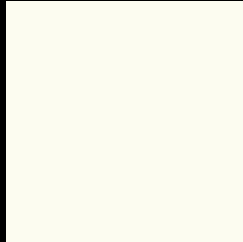
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 250.6320, -5.2416, 1.1997 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

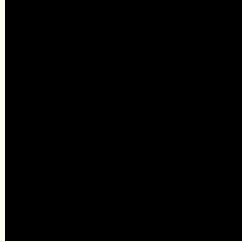
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 250.6320, -5.2416, 1.1997

## Background



This preview shows how black text looks on a background with the YUV color 250.6320, -5.2416, 1.1997.



This preview shows how white text looks on a background with the YUV color 250.6320, -5.2416,



# 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**

250.6320, -5.2416, 1.1997

**Protanopia**

251.5120, -3.2104, 3.0590

**Deuteranopia**

251.4950, -0.7370, 3.0739

## **Tritanopia**

251.1680, 1.8892, 0.7297

# Trichromacy

## Original Color

250.6320, -5.2416, 1.1997

## Protanomaly

250.9850, -3.9366, 2.6442

## Deuteranomaly

251.3270, -2.6262, 2.3442

## Tritanomaly

251.1850, -0.5842, 0.7148

# Monochromacy

## Original Color

250.6320, -5.2416, 1.1997

## Achromatopsia

251.0000, 0.0000, 0.0000

## Achromatomaly

250.5440, -1.7472, 0.3999

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 250.6320, -5.2416, 1.1997 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(252, 252, 240)` looks like.

```
.text, #text, p{  
    color:rgb(252, 252, 240)  
}
```

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(252, 252, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 252, 240) }
```

## Border

The CSS property to change the border of an element to YUV 250.6320, -5.2416, 1.1997 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(252, 252, 240) }
```



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

```
.border{ border-color:rgb(252, 252, 240) }
```

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

Here you see how a box with a 4 pixel rgb(252, 252, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 252, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 252, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 252,  
240) }
```

# Background

The CSS property to change the background color of an element to YUV 250.6320, -5.2416, 1.1997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 252, 240) }
```

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

```
.background{ background-color: rgb(252,  
252, 240) }
```

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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