

Converting Colors

YUV(249.8990, -6.8522, 4.4736)

Have a look what the booklet for
YUV(249.8990, -6.8522, 4.4736)
contains.

YUV(249.8990, -6.8522, 4.4736)	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(249.8990, -6.8522,
4.4736)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFAEC
RGB	255, 250, 236
RGB Percent	100%, 98%, 93%
CMY	0.0000, 0.0196, 0.0745
CMYK	0.00, 0.02, 0.07, 0.00
HSL	44°, 100%, 96%
HSV	44°, 7%, 100%
XYZ	90.5659, 95.6873, 93.0530
YIQ	249.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

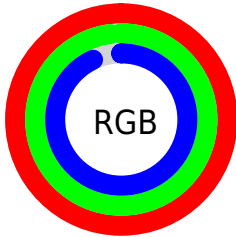
Format	Color
R_{YB}	243, 255, 236
Decimal	16775916
CIE Lab	98.31, -0.69, 7.29
CIE LCh	98, 7.319, 95.416
Yxy	95.6873, 0.3243, 0.3426
Android (android.graphics.Color)	4294965996 (0xFFFFFAEC)
YUV	249.8990, -6.8522, 4.4736
Hunter-Lab	97.8199, -5.9218, 12.0732

Details

The YUV color $249.8990, -6.8522, 4.4736$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.1010, 6.8522, -4.4736$, 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 $193.6000, -6.7048, 3.8588$ is the 20% darker color. If you saturate the color by 10%, you get $242.9400, -15.7464, 10.5766$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

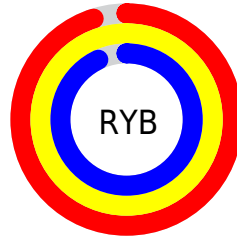
Distribution



Red (100%)

Green (98%)

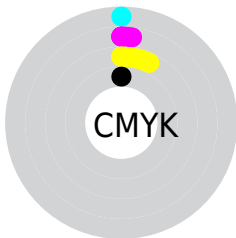
Blue (93%)



Red (95%)

Yellow (100%)

Blue (93%)

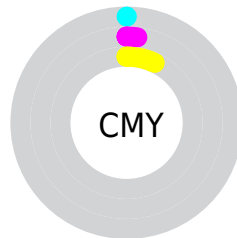


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (2%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 249.8990, -6.8522, 4.4736 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 249.8990, -6.8522, 4.4736 by changing the saturation by 10% instead.


 249.8990, -6.8522,
4.4736

 249.8990, -6.8522,
4.4736


255.0000, 0.0000,
0.0000


 221.0130, -6.4154,
4.3736

 193.6000, -6.7048,
3.8588

 166.0130, -6.4154,
4.3736

 139.7140, -6.2680,
3.7588

 114.7140, -6.2680,
3.7588

 89.8280, -5.8312,
3.6588

 66.6430, -5.2470,

2.9441

■ 44.6430, -5.2470,
2.9441

■ 23.5290, -5.6838,
3.0441

■ 249.8990, -6.8522,
4.4736

■ 249.8990, -6.8522,
4.4736

■ 242.9400,
-15.7464, 10.5766

255.0000, 0.0000,
0.0000

■ 236.4540,
-25.3668, 16.2648

■ 229.4950,
-34.2610, 22.3679

■ 222.4220,
-43.5920, 28.5709

■ 215.4630,
-52.4863, 34.6739

■ 208.9770,
-62.1067, 40.3622

■ 201.9040,
-71.4377, 46.5652

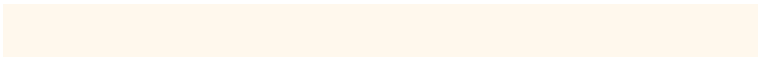
■ 194.9450,
-80.3319, 52.6682

■ 188.5730,
-89.5155, 58.2565

Harmonies

Analogous

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



248.8390, -5.8366, 5.4032



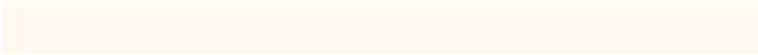
249.8990, -6.8522, 4.4736



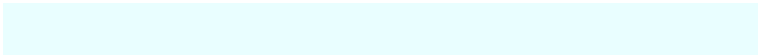
248.9090, -5.3781, -1.6742

Triad

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



249.8990, -6.8522, 4.4736



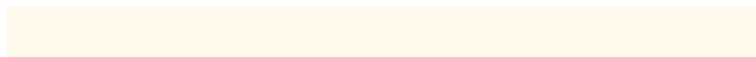
247.8350, 3.5323, -13.0103



249.7170, 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.



249.8990, -6.8522, 4.4736



241.1010, 6.8522, -4.4736

Split Complementary

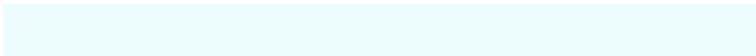
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.2930, 2.3206, 2.3740



249.8990, -6.8522, 4.4736



247.8570, 3.5215, -9.5216

Square

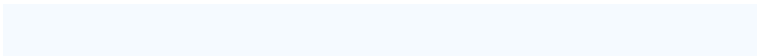
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



249.8990, -6.8522, 4.4736



248.2650, 1.3484, -12.5104



249.0750, 2.9210, -3.5738



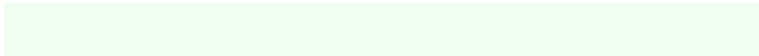
248.4460, 0.2731, 5.7479

Rectangle

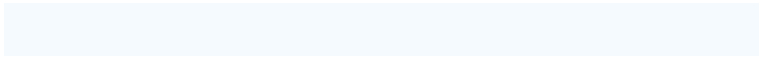
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



249.8990, -6.8522, 4.4736



248.1580, -3.0359, -6.2776



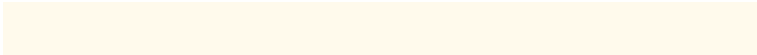
249.0750, 2.9210, -3.5738



250.3040, 2.3151, 4.1184

Sweetspot

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



249.8990, -6.8522, 4.4736



253.8430, -1.8946, 1.0147



242.2510, -0.6167, 11.1809



127.0710, -1.0210, 0.8147



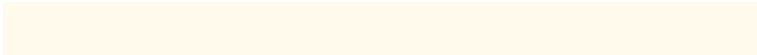
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



249.8990, -6.8522, 4.4736



248.8560, -8.3100, 5.3883



251.6380, -7.7095, -0.5595



124.1700, -4.5208, 3.3589



139.8760, -68.9589, 44.8357



46.7250, -23.0354, 15.1502

Inverse Universe

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



241.1010, 6.8522, -4.4736



238.1440, 8.3100, -5.3883



239.3620, 7.7095, 0.5595



118.2430, 4.8102, -2.8441



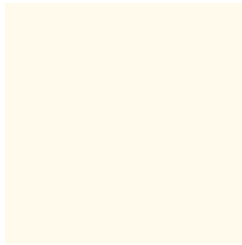
51.1240, 68.9589, -44.8357



17.2750, 23.0354, -15.1502

Previews

White Background



This preview shows how the YUV color 249.8990, -6.8522, 4.4736 looks on a white background.

Color Contrast Check

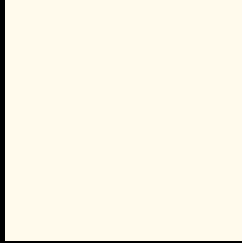
Large Text (above 18pt) WCAG AA × Fail

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 249.8990, -6.8522, 4.4736 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 249.8990, -6.8522, 4.4736

Background



This preview shows how black text looks on a background with the YUV color 249.8990, -6.8522, 4.4736.

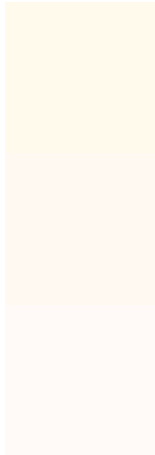


This preview shows how white text looks on a background with the YUV color 249.8990, -6.8522,

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

249.8990, -6.8522, 4.4736

Protanopia

249.8820, -4.3788, 4.4885

Deuteranopia

250.6800, -1.3212, 3.7886

Tritanopia

250.8800, 2.0312, 1.8592

Trichromacy



A vertical color bar on the left side of the Trichromacy section, divided into four horizontal segments. The top segment is yellow, the second is light orange, the third is light pink, and the bottom segment is light yellow.

Original Color

249.8990, -6.8522, 4.4736

Protanomaly

249.6540, -5.2524, 4.6884

Deuteranomaly

250.2240, -3.0684, 4.1886

Tritanomaly

250.3810, -1.1738, 3.1739

Monochromacy



A vertical color bar on the left side of the Monochromacy section, divided into three horizontal segments. The top segment is yellow, the middle segment is light grey, and the bottom segment is light yellow.

Original Color

249.8990, -6.8522, 4.4736

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

250.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 249.8990, -6.8522, 4.4736 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, 250, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 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(255, 250, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 236) }
```

Border

The CSS property to change the border of an element to YUV 249.8990, -6.8522, 4.4736 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, 250, 236) }
```


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

```
.border{ border-color:rgb(255, 250, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 249.8990, -6.8522, 4.4736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 236) }
```

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

```
.background{ background-color: rgb(255,  
250, 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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