

# Converting Colors

YUV(242.9590, -44.8428,  
9.6830)

Have a look what the booklet for  
YUV(242.9590, -44.8428, 9.6830)  
contains.

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# Color

**YUV(242.9590, -44.8428,  
9.6830)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEFF98
RGB	254, 255, 152
RGB Percent	100%, 100%, 60%
CMY	0.0039, 0.0000, 0.4039
CMYK	0.00, 0.00, 0.40, 0.00
HSL	61°, 100%, 80%
HSV	61°, 40%, 100%
XYZ	82.3005, 94.8578, 43.6775
YIQ	242.9590, 32.4670, -32.2450

# Conversions

## Conversions Part 2

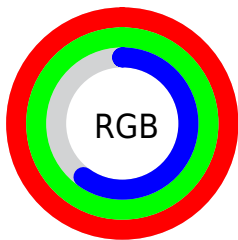
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 255, 153
Decimal	16711576
CIE <sub>Lab</sub>	97.98, -14.71, 49.01
CIE <sub>LCh</sub>	98, 51.170, 106.707
Yxy	94.8578, 0.3727, 0.4295
Android (android.graphics.Color)	4294901656 (0xFFFEFF98)
YUV	242.9590, -44.8428, 9.6830
Hunter-Lab	97.3950, -19.6055, 41.5875

# Details

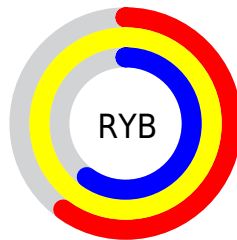
The YUV color **242.9590, -44.8428, 9.6830** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **164.0410, 44.8428, -9.6830**, and the grayscale version is **243.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6420, -20.5295, 4.6990**, and **186.1160, -42.9482, 8.6683** is the 20% darker color. If you saturate the color by 10%, you get **240.1090, -55.7627, 12.1824**, and if you desaturate by 10%, it is **245.9230, -33.4860, 7.0835**.

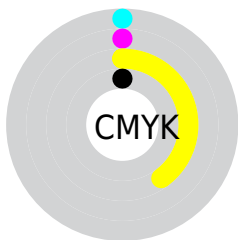
# Distribution



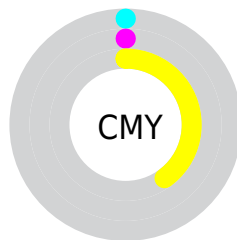
- Red (100%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 242.9590, -44.8428, 9.6830 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 242.9590, -44.8428, 9.6830 by changing the saturation by 10% instead.



242.9590,  
-44.8428, 9.6830

242.9590,  
-44.8428, 9.6830

255.0000, 0.0000,  
0.0000

214.1870,  
-43.9692, 9.4830

249.6420,  
-20.5295, 4.6990

186.1160,  
-42.9482, 8.6683

252.8340, -8.2992,  
1.8996

158.6320,  
-42.2166, 7.3387

132.3330,  
-42.0692, 6.7240

105.8060,  
-42.7954, 6.3091

81.7780, -40.3166,  
4.5797

60.2150, -29.6860,

1.5654

■ 39.5270, -19.4868,  
-3.0932

■ 18.5290, -9.1348,  
-10.1109

■ 242.9590,  
-44.8428, 9.6830

■ 242.9590,  
-44.8428, 9.6830

■ 240.1090,  
-55.7627, 12.1824

■ 245.9230,  
-33.4860, 7.0835

■ 237.1450,  
-67.1195, 14.7818

■ 248.7730,  
-22.5661, 4.5841

■ 233.9960,  
-77.8920, 16.6665

■ 252.0360,  
-11.3567, 2.5994

■ 231.0320,  
-89.2488, 19.2659

254.8860, -0.4368,  
0.1000

■ 228.0680,  
-100.6055, 21.8654

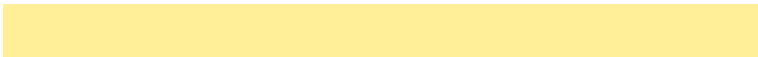
255.0000, 0.0000,  
0.0000

■ 225.3320,  
-111.0887, 24.2648

# Harmonies

## Analogous

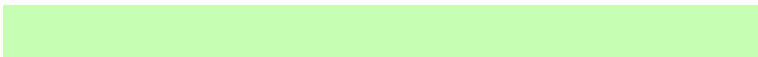
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.8660, -40.3599, 18.5345



242.9590, -44.8428, 9.6830



229.2930, -24.7944, -27.4440

# Triad

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



242.9590, -44.8428, 9.6830



188.3230, 32.8718, -137.0953



230.3460, 12.1544, 21.6216

# Complementary

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



242.9590, -44.8428, 9.6830



164.0410, 44.8428, -9.6830

# 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.



237.9770, 8.3923, 14.9292



242.9590, -44.8428, 9.6830



219.4190, 17.5414, -73.1585

# Square

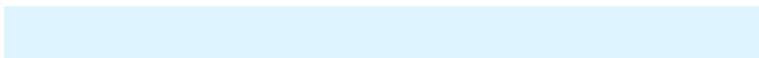
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



242.9590, -44.8428, 9.6830



194.3030, 29.9236, -124.7997



238.6760, 8.0477, -14.6249



225.5240, -1.2443, 25.8505

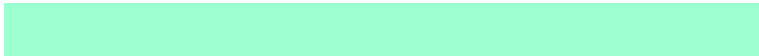


# Rectangle

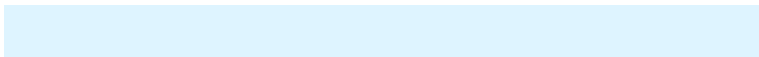
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



242.9590, -44.8428, 9.6830



220.0410, -5.9362, -56.1640



238.6760, 8.0477, -14.6249



232.1070, 11.2862, 20.0772

# Sweetspot

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



242.9590, -44.8428, 9.6830



251.4660, -13.5407, 3.0993



182.7970, -15.1829, 63.3220



125.6490, -7.7150, 1.1848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

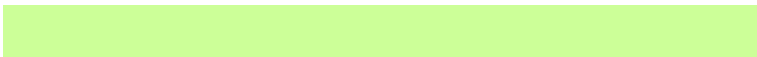
The Same Dimension uses a secret algorithm to generate beautiful new colors.



242.9590, -44.8428, 9.6830



240.7930, -53.1419, 11.5825



228.0090, -37.4724, -21.0559



126.2190, -5.5310, 0.6849



168.6280, -83.1336, 17.8662



56.4050, -27.8077, 5.7838



# Inverse Universe

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



164.0410, 44.8428, -9.6830



147.2070, 53.1419, -11.5825



179.2900, 37.3250, 21.6707



116.4820, 5.6784, -1.2997



22.3720, 83.1336, -17.8662

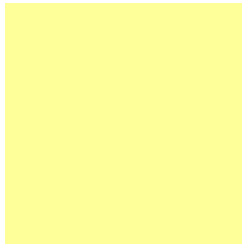


7.5950, 27.8077, -5.7838



# Previews

## White Background



This preview shows how the YUV color 242.9590, -44.8428, 9.6830 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

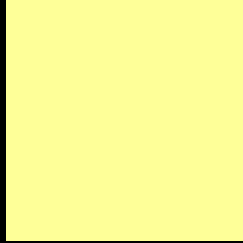
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 242.9590, -44.8428, 9.6830 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

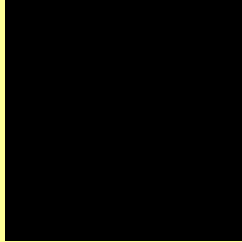
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 242.9590, -44.8428, 9.6830

## Background



This preview shows how black text looks on a background with the YUV color 242.9590, -44.8428, 9.6830.



This preview shows how white text looks on a background with the YUV color 242.9590, -44.8428, 9.6830.

9.6830.

# Color Blindness Simulation

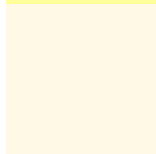
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



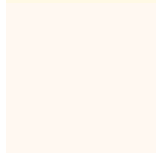
### Original Color

242.9590, -44.8428, 9.6830



### Protanopia

248.5140, -9.6204, 5.6882



### Deuteranopia

249.2950, -4.0894, 5.0033

## **Tritanopia**

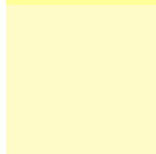
250.0760, 1.4415, 4.3183

# Trichromacy



## Original Color

242.9590, -44.8428, 9.6830



## Protanomaly

246.4960, -22.4295, 7.4580



## Deuteranomaly

247.4080, -18.9351, 6.6582



## Tritanomaly

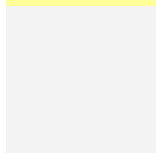
247.6190, -15.5882, 6.4731

# Monochromacy



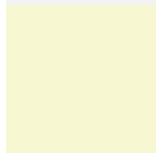
## Original Color

242.9590, -44.8428, 9.6830



## Achromatopsia

243.0000, 0.0000, 0.0000



## Achromatomaly

242.7820, -16.1615, 3.6992

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 242.9590, -44.8428, 9.6830 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(254, 255, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 255, 152)  
}
```

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(254, 255, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 255, 152) }
```

## Border

The CSS property to change the border of an element to YUV 242.9590, -44.8428, 9.6830 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(254, 255, 152) }
```



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

```
.border{ border-color:rgb(254, 255, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 255, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 255, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 255, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 255,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 242.9590, -44.8428, 9.6830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 255, 152) }
```

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

```
.background{ background-color: rgb(254,  
255, 152) }
```

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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