

# Converting Colors

YUV(226.2980, -48.9539,  
21.6637)

Have a look what the booklet for  
YUV(226.2980, -48.9539, 21.6637)  
contains.

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# Color

**YUV(226.2980, -48.9539,  
21.6637)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE97F
RGB	251, 233, 127
RGB Percent	98%, 91%, 50%
CMY	0.0157, 0.0863, 0.5020
CMYK	0.00, 0.07, 0.49, 0.02
HSL	51°, 94%, 74%
HSV	51°, 49%, 98%
XYZ	72.7533, 80.3194, 31.7473
YIQ	226.2980, 44.7540, -29.1500

# Conversions

## Conversions Part 2

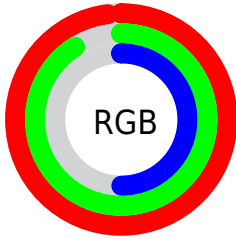
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 251, 127
Decimal	16509311
CIE <sub>Lab</sub>	91.83, -7.40, 53.29
CIE <sub>LCh</sub>	92, 53.800, 97.904
Yxy	80.3194, 0.3936, 0.4346
Android (android.graphics.Color)	4294699391 (0xFFFBE97F)
YUV	226.2980, -48.9539, 21.6637
Hunter-Lab	89.6211, -11.9327, 41.7319

# Details

The YUV color **226.2980, -48.9539, 21.6637** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **151.7020, 48.9539, -21.6637**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.6780, -31.8863, 7.2984**, and **170.3300, -47.4907, 19.0046** is the 20% darker color. If you saturate the color by 10%, you get **221.1000, -58.7163, 26.2223**, and if you desaturate by 10%, it is **231.4960, -39.1915, 17.1050**.

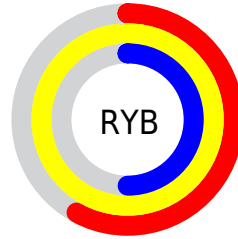
# Distribution



Red (98%)

Green (91%)

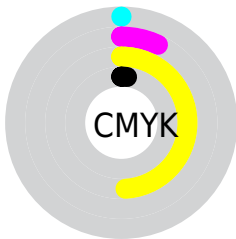
Blue (50%)



Red (58%)

Yellow (98%)

Blue (50%)

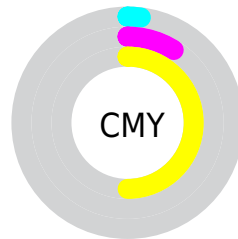


Cyan (0%)

Magenta (7%)

Yellow (49%)

Black (2%)



Cyan (2%)

Magenta (9%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 226.2980, -48.9539, 21.6637 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 226.2980, -48.9539, 21.6637 by changing the saturation by 10% instead.



226.2980,  
-48.9539, 21.6637

226.2980,  
-48.9539, 21.6637

255.0000, 0.0000,  
0.0000

197.8140,  
-48.2223, 20.3341

246.6780,  
-31.8863, 7.2984

170.3300,  
-47.4907, 19.0046

249.8700,  
-19.6559, 4.4990

143.1450,  
-46.9065, 18.2898

253.1760, -6.9888,  
1.5996

116.0910,  
-48.3589, 17.4602

90.9920, -44.8591,  
14.9160

69.7170, -34.3705,  
10.7722

48.4420, -23.8819,

6.6284

■ 28.6400, -14.1195,  
2.0697

■ 7.0440, -3.4727,  
-6.1776

■ 226.2980,  
-48.9539, 21.6637

■ 226.2980,  
-48.9539, 21.6637

■ 221.1000,  
-58.7163, 26.2223

■ 231.4960,  
-39.1915, 17.1050

■ 216.4890,  
-68.7681, 30.2661

■ 236.1070,  
-29.1398, 13.0612

■ 211.2910,  
-78.5305, 34.8248

■ 241.3050,  
-19.3774, 8.5025

■ 206.0930,  
-88.2928, 39.3834

■ 246.5030, -9.6150,  
3.9439

■ 201.3680,  
-98.7814, 43.5273

■ 251.1140, 0.4368,  
-0.1000

■ 201.2540,  
-99.2182, 43.6272

■ 253.8040, 0.5896,  
-2.4591

# Harmonies

## Analogous

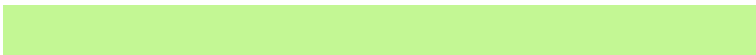
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



217.9540, -40.4033, 32.4893



226.2980, -48.9539, 21.6637



220.1660, -35.5778, -22.0706

# Triad

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



226.2980, -48.9539, 21.6637



178.7550, 37.5888, -156.7681



220.3670, 17.0741, 30.3731

# Complementary

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



226.2980, -48.9539, 21.6637



151.7020, 48.9539, -21.6637

# 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.



230.3460, 12.1544, 21.6216



226.2980, -48.9539, 21.6637



191.1020, 31.5017, -117.6075

# Square

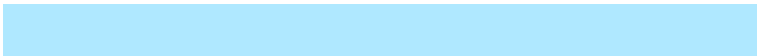
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.2980, -48.9539, 21.6637



177.5010, 32.7840, -155.6684



217.5790, 18.4486, -37.3418



212.8550, 3.5225, 36.9612

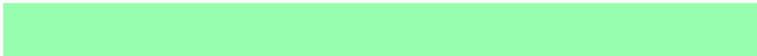


# Rectangle

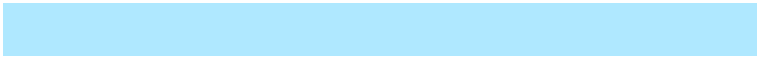
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.2980, -48.9539, 21.6637



213.9090, -19.1821, -54.2942



217.5790, 18.4486, -37.3418



223.3020, 15.6271, 27.7991

# Sweetspot

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



226.2980, -48.9539, 21.6637



247.1460, -14.8620, 6.8880



166.2420, -9.9793, 74.3328



123.0300, -8.8888, 4.3587



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

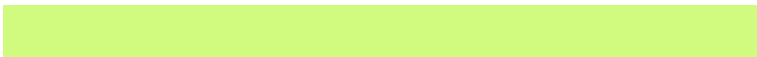
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.2980, -48.9539, 21.6637



224.9860, -59.1531, 26.3223



224.0070, -47.8245, -14.0381



122.3440, -5.0996, 2.3293



151.0180, -74.4519, 33.3102



48.7630, -24.0402, 10.7318



# Inverse Universe

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



151.7020, 48.9539, -21.6637



134.4270, 59.4425, -25.8075



153.9930, 47.8245, 14.0381



114.6560, 5.0996, -2.3293



37.3950, 74.7413, -32.7954



12.2370, 24.0402, -10.7318



# Previews

## White Background



This preview shows how the YUV color 226.2980, -48.9539, 21.6637 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 226.2980, -48.9539, 21.6637 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 226.2980, -48.9539, 21.6637

## Background



This preview shows how black text looks on a background with the YUV color 226.2980, -48.9539, 21.6637.



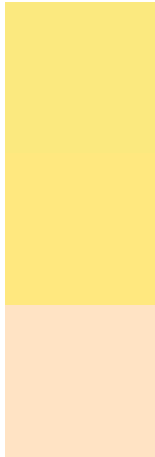
This preview shows how white text looks on a background with the YUV color 226.2980, -48.9539, 21.6637.



# 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

226.2980, -48.9539, 21.6637

### Protanopia

226.9070, -49.2542, 24.6376

### Deuteranopia

231.8380, -17.6681, 20.3131



## Tritanopia

234.0500, 0.9614, 18.3732

# Trichromacy

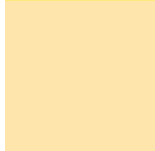


## Original Color

226.2980, -48.9539, 21.6637

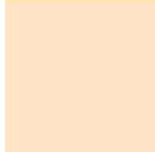
## Protanomaly

226.6080, -49.1067, 24.0228



## Deuteranomaly

229.8630, -29.0195, 21.1681



## Tritanomaly

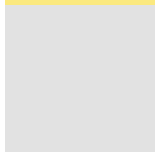
231.5390, -17.5207, 19.6983

# Monochromacy



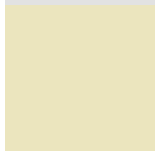
## Original Color

226.2980, -48.9539, 21.6637



## Achromatopsia

226.0000, 0.0000, 0.0000



## Achromatomaly

226.3480, -17.9196, 7.5878

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.2980, -48.9539, 21.6637 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(251, 233, 127)` looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 127)  
}
```

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(251, 233, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 127) }
```

## Border

The CSS property to change the border of an element to YUV 226.2980, -48.9539, 21.6637 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(251, 233, 127) }
```



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

```
.border{ border-color:rgb(251, 233, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 233, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 233, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 233, 127); box-shadow:4px 4px 4px 4px rgb(251, 233, 127) }
```

# Background

The CSS property to change the background color of an element to YUV 226.2980, -48.9539, 21.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 233, 127) }
```

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

```
.background{ background-color: rgb(251,  
233, 127) }
```

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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