

# Converting Colors

YUV(224.5800, -26.4149,  
25.8013)

Have a look what the booklet for  
YUV(224.5800, -26.4149, 25.8013)  
contains.

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# Color

**YUV(224.5800, -26.4149,  
25.8013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEDCAB
RGB	254, 220, 171
RGB Percent	100%, 86%, 67%
CMY	0.0039, 0.1373, 0.3294
CMYK	0.00, 0.13, 0.33, 0.00
HSL	35°, 98%, 83%
HSV	35°, 33%, 100%
XYZ	73.8169, 75.1975, 49.1521
YIQ	224.5800, 35.9930, -8.0310

# Conversions

## Conversions Part 2

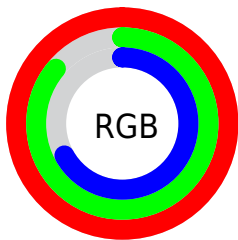
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 254, 171
Decimal	16702635
CIE <sub>Lab</sub>	89.49, 4.92, 28.45
CIE <sub>LCh</sub>	89, 28.870, 80.194
Yxy	75.1975, 0.3725, 0.3795
Android (android.graphics.Color)	4294892715 (0xFFFE <sub>D</sub> CAB)
YUV	224.5800, -26.4149, 25.8013
Hunter-Lab	86.7165, 0.1933, 27.0952

# Details

The YUV color  $224.5800, -26.4149, 25.8013$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $200.4200, 26.4149, -25.8013$ , and the grayscale version is  $225.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $251.8080, -12.2303, 2.7994$ , and  $168.9110, -25.0991, 23.7571$  is the 20% darker color. If you saturate the color by 10%, you get  $215.8600, -34.4410, 33.4488$ , and if you desaturate by 10%, it is  $233.3000, -18.3889, 18.1539$ .

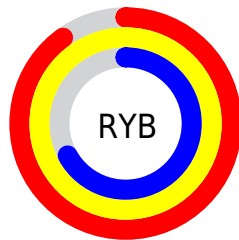
# Distribution



Red (100%)

Green (86%)

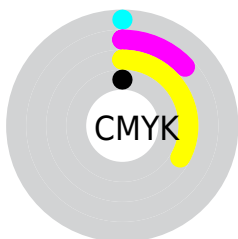
Blue (67%)



Red (90%)

Yellow (100%)

Blue (67%)

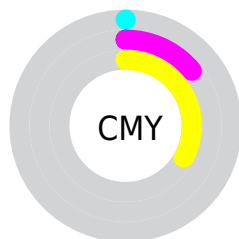


Cyan (0%)

Magenta (13%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.5800, -26.4149, 25.8013 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 224.5800, -26.4149, 25.8013 by changing the saturation by 10% instead.





 224.5800,  
-26.4149, 25.8013


 224.5800,  
-26.4149, 25.8013


255.0000, 0.0000,  
0.0000


 196.3950,  
-25.8307, 25.0866


 251.8080,  
-12.2303, 2.7994

 168.9110,  
-25.0991, 23.7571

 142.4270,  
-24.3675, 22.4275

 116.3560,  
-23.3465, 21.6128

 91.5730, -22.4675,  
19.6685

 68.0890, -21.7359,  
18.3389

 44.9640, -22.1673,

16.6946

■ 25.4610, -12.5523,  
12.7507

■ 2.0930, -1.0318,  
4.3034

■ 224.5800,  
-26.4149, 25.8013

■ 224.5800,  
-26.4149, 25.8013

■ 215.8600,  
-34.4410, 33.4488

■ 233.3000,  
-18.3889, 18.1539

■ 206.4390,  
-42.6144, 41.7110

■ 242.7210,  
-10.2155, 9.8917

■ 197.7190,  
-50.6405, 49.3584

■ 251.4410, -2.1894,  
2.2442

■ 188.2980,  
-58.8139, 57.6207

254.7010, 0.1474,  
-0.6148

■ 179.5780,  
-66.8400, 65.2681

■ 170.8580,  
-74.8660, 72.9155

■ 163.9960,  
-80.8500, 78.9335

# Harmonies

## Analogous

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



221.0780, -18.2795, 29.7496



224.5800, -26.4149, 25.8013



221.7190, -24.0185, 3.7544

# Triad

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



224.5800, -26.4149, 25.8013



212.5350, 15.0192, -57.4742



228.8620, 12.8860, 20.2920

# Complementary

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



224.5800, -26.4149, 25.8013



200.4200, 26.4149, -25.8013

# 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.



223.6800, 15.4408, -5.8584



224.5800, -26.4149, 25.8013



213.6370, 20.3920, -54.0556

# Square

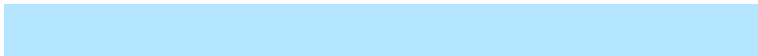
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.5800, -26.4149, 25.8013



214.7250, 0.1356, -43.6088



217.9000, 18.2903, -33.2383



223.9570, 5.4442, 27.2247



# Rectangle

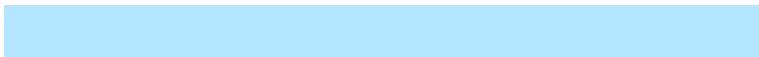
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.5800, -26.4149, 25.8013



219.4010, -18.4387, -12.6297



217.9000, 18.2903, -33.2383



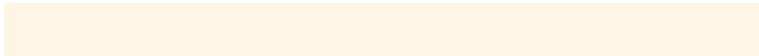
227.3340, 13.6393, 11.9851

# Sweetspot

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



224.5800, -26.4149, 25.8013



246.2800, -8.0260, 7.6474



199.8070, 3.0531, 47.5273



122.0670, -4.9630, 5.2032



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

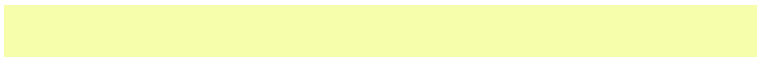
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.5800, -26.4149, 25.8013



219.6470, -31.3780, 31.0046



242.4450, -35.2224, 3.9947



122.9960, -3.9420, 4.3885



123.4400, -60.8559, 59.2501



41.4420, -20.4309, 19.7834



# Inverse Universe

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



200.4200, 26.4149, -25.8013



190.7660, 31.6674, -30.4898



182.5550, 35.2224, -3.9947



119.4170, 4.2314, -3.8737



67.5600, 60.8559, -59.2501



22.5580, 20.4309, -19.7834



# Previews

## White Background



This preview shows how the YUV color 224.5800, -26.4149, 25.8013 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 224.5800, -26.4149, 25.8013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

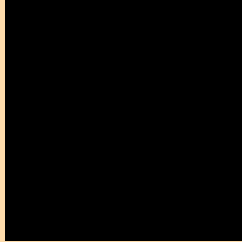
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 224.5800, -26.4149, 25.8013

## Background



This preview shows how black text looks on a background with the YUV color 224.5800, -26.4149, 25.8013.



This preview shows how white text looks on a background with the YUV color 224.5800, -26.4149, 25.8013.



# 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

224.5800, -26.4149, 25.8013

### Protanopia

223.5570, -24.9246, 14.4205

### Deuteranopia

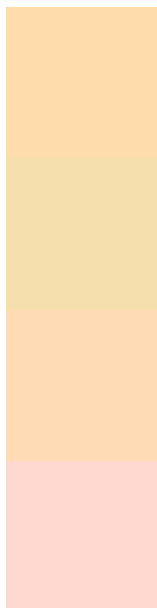
225.5290, -18.9948, 25.8461



## Tritanopia

227.8550, 0.0715, 23.8062

# Trichromacy



## Original Color

224.5800, -26.4149, 25.8013

## Protanomaly

223.7640, -25.5197, 18.6240

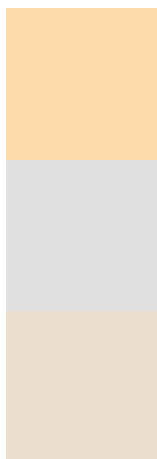
## Deuteranomaly

225.4320, -21.9050, 25.9311

## Tritanomaly

226.6350, -9.6801, 24.8761

# Monochromacy



## Original Color

224.5800, -26.4149, 25.8013

## Achromatopsia

225.0000, 0.0000, 0.0000

## Achromatomaly

224.8350, -9.7787, 9.7917

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.5800, -26.4149, 25.8013 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, 220, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 171)  
}
```

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, 220, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 171) }
```

## Border

The CSS property to change the border of an element to YUV 224.5800, -26.4149, 25.8013 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, 220, 171) }
```



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

```
.border{ border-color:rgb(254, 220, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 224.5800, -26.4149, 25.8013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 171) }
```

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

```
.background{ background-color: rgb(254,  
220, 171) }
```

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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