

# Converting Colors

YUV(222.9240, -51.7275,  
24.6227)

Have a look what the booklet for  
YUV(222.9240, -51.7275, 24.6227)  
contains.

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# Color

**YUV(222.9240, -51.7275,  
24.6227)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBE576
RGB	251, 229, 118
RGB Percent	98%, 90%, 46%
CMY	0.0157, 0.1020, 0.5373
CMYK	0.00, 0.09, 0.53, 0.02
HSL	50°, 94%, 72%
HSV	50°, 53%, 98%
XYZ	71.0730, 77.8559, 28.4213
YIQ	222.9240, 48.7430, -29.8570

# Conversions

## Conversions Part 2

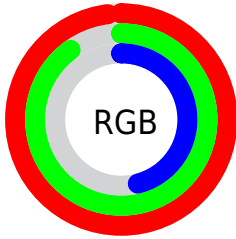
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	144, 251, 118
Decimal	16508278
CIE <sub>Lab</sub>	90.71, -6.15, 56.17
CIE <sub>LCh</sub>	91, 56.507, 96.244
Yxy	77.8559, 0.4007, 0.4390
Android (android.graphics.Color)	4294698358 (0xFFFBE576)
YUV	222.9240, -51.7275, 24.6227
Hunter-Lab	88.2360, -10.6334, 42.6676

# Details

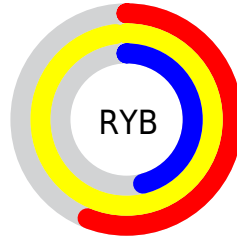
The YUV color  $222.9240, -51.7275, 24.6227$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $146.0760, 51.7275, -24.6227$ , and the grayscale version is  $223.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $245.6520, -35.8174, 8.1982$ , and  $166.9560, -50.2643, 21.9636$  is the 20% darker color. If you saturate the color by 10%, you get  $217.7260, -61.4899, 29.1813$ , and if you desaturate by 10%, it is  $228.1220, -41.9651, 20.0640$ .

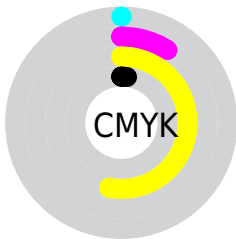
# Distribution



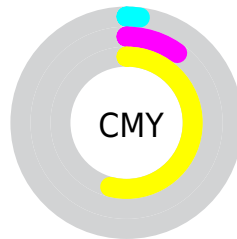
- Red (98%)
- Green (90%)
- Blue (46%)



- Red (56%)
- Yellow (98%)
- Blue (46%)



- Cyan (0%)
- Magenta (9%)
- Yellow (53%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.9240, -51.7275, 24.6227 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 222.9240, -51.7275, 24.6227 by changing the saturation by 10% instead.



222.9240,  
-51.7275, 24.6227

222.9240,  
-51.7275, 24.6227

255.0000, 0.0000,  
0.0000

194.4400,  
-50.9959, 23.2931

245.6520,  
-35.8174, 8.1982

166.9560,  
-50.2643, 21.9636

248.8440,  
-23.5871, 5.3988

139.2440,  
-50.4063, 20.8340

252.1500,  
-10.9200, 2.4994

111.9790,  
-55.2056, 20.1894

89.2310, -43.9909,  
16.4604

67.6570, -33.3549,  
11.7018

46.3820, -22.8663,

7.5580

■ 27.1670, -13.3933,  
2.4845

■ 2.9350, -1.4470,  
-2.5740

■ 222.9240,  
-51.7275, 24.6227

■ 222.9240,  
-51.7275, 24.6227

■ 217.7260,  
-61.4899, 29.1813

■ 228.1220,  
-41.9651, 20.0640

■ 212.5280,  
-71.2523, 33.7399

■ 233.3200,  
-32.2028, 15.5054

■ 207.3300,  
-81.0147, 38.2986

■ 238.5180,  
-22.4404, 10.9467

■ 201.5450,  
-90.4877, 43.3720

■ 244.3030,  
-12.9674, 5.8733

■ 197.7320,  
-97.4819, 46.7160

■ 249.5010, -3.2050,  
1.3146

■ 253.2170, 0.8790,  
-1.9443

■ 253.8040, 0.5896,  
-2.4591

# Harmonies

## Analogous

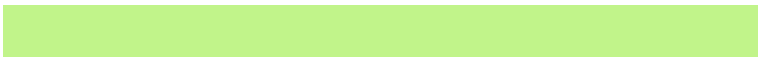
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



214.3350, -41.5772, 35.6632



222.9240, -51.7275, 24.6227



216.6670, -38.7828, -20.7560

# Triad

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



222.9240, -51.7275, 24.6227



178.1680, 37.8782, -156.2533



217.4320, 18.5210, 32.9471

# Complementary

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



222.9240, -51.7275, 24.6227



146.0760, 51.7275, -24.6227

# 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.



226.4920, 14.0544, 18.8625



222.9240, -51.7275, 24.6227



173.4720, 40.1933, -152.1349

# Square

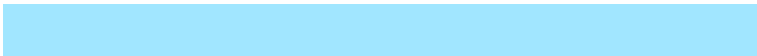
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.9240, -51.7275, 24.6227



176.8170, 30.1632, -155.0685



212.2190, 21.0910, -44.9191



209.2190, 4.8220, 40.1499

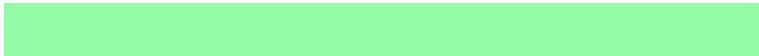


# Rectangle

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



222.9240, -51.7275, 24.6227



210.5130, -21.9449, -54.8239



212.2190, 21.0910, -44.9191



220.9540, 16.7847, 29.8583

# Sweetspot

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



222.9240, -51.7275, 24.6227



246.2170, -15.8830, 7.7027



160.2750, -9.9956, 79.5658



122.2150, -9.4730, 5.0734



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

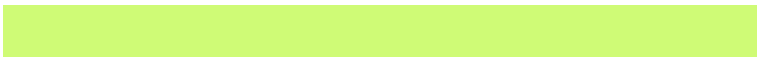
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.9240, -51.7275, 24.6227



220.5690, -63.3845, 30.1960



222.6820, -51.6082, -13.7531



122.3440, -5.0996, 2.3293



148.6700, -73.2943, 35.3694



48.1760, -23.7508, 11.2466



# Inverse Universe

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



146.0760, 51.7275, -24.6227



126.4310, 63.3845, -30.1960



146.3180, 51.6082, 13.7531



115.2430, 4.8102, -2.8441



39.7430, 73.5837, -34.8546



12.8240, 23.7508, -11.2466



# Previews

## White Background



This preview shows how the YUV color 222.9240, -51.7275, 24.6227 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

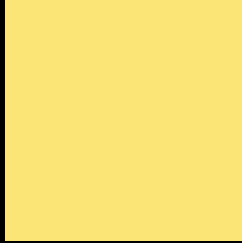
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 222.9240, -51.7275, 24.6227 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 222.9240, -51.7275, 24.6227

## Background



This preview shows how black text looks on a background with the YUV color 222.9240, -51.7275, 24.6227.



This preview shows how white text looks on a background with the YUV color 222.9240, -51.7275, 24.6227.



# 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

222.9240, -51.7275, 24.6227

### Protanopia

223.2230, -51.8749, 25.2374

### Deuteranopia

228.3500, -20.8785, 23.3721



## Tritanopia

231.2460, 0.3717, 20.8323

# Trichromacy

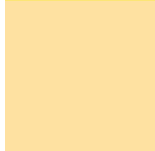


## Original Color

222.9240, -51.7275, 24.6227

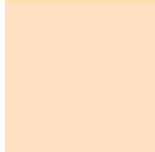
## Protanomaly

223.2230, -51.8749, 25.2374



## Deuteranomaly

226.3750, -32.2299, 24.2271



## Tritanomaly

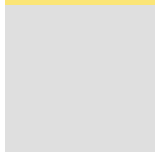
228.6210, -18.5472, 22.2574

# Monochromacy



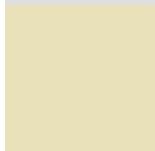
## Original Color

222.9240, -51.7275, 24.6227



## Achromatopsia

223.0000, 0.0000, 0.0000



## Achromatomaly

222.8320, -18.6512, 8.9173

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.9240, -51.7275, 24.6227 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, 229, 118)` looks like.

```
.text, #text, p{  
    color:rgb(251, 229, 118)  
}
```

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, 229, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 229, 118) }
```

## Border

The CSS property to change the border of an element to YUV 222.9240, -51.7275, 24.6227 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, 229, 118) }
```



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

```
.border{ border-color:rgb(251, 229, 118) }
```

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

Here you see how a box with a 4 pixel rgb(251, 229, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 229, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 229, 118);  
box-shadow:4px 4px 4px 4px rgb(251, 229,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 222.9240, -51.7275, 24.6227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 229, 118) }
```

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

```
.background{ background-color: rgb(251,  
229, 118) }
```

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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