

# Converting Colors

YUV(222.6360, -51.5855,  
25.7522)

Have a look what the booklet for  
YUV(222.6360, -51.5855, 25.7522)  
contains.

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# Color

**YUV(222.6360, -51.5855,  
25.7522)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCE476
RGB	252, 228, 118
RGB Percent	99%, 89%, 46%
CMY	0.0118, 0.1059, 0.5373
CMYK	0.00, 0.10, 0.53, 0.01
HSL	49°, 96%, 73%
HSV	49°, 53%, 99%
XYZ	71.1583, 77.4903, 28.3462
YIQ	222.6360, 49.6140, -29.1220

# Conversions

## Conversions Part 2

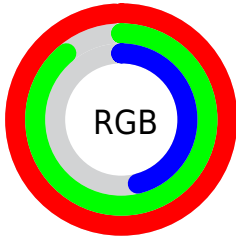
<b>Format</b>	<b>Color</b>
<b>RYB</b>	147, 252, 118
Decimal	16573558
CIELab	90.55, -5.24, 56.00
CIELCh	91, 56.241, 95.349
Yxy	77.4903, 0.4020, 0.4378
Android (android.graphics.Color)	4294763638 (0xFFFC476)
YUV	222.6360, -51.5855, 25.7522
Hunter-Lab	88.0286, -9.7586, 42.5279

# Details

The YUV color  $222.6360, -51.5855, 25.7522$  is a light color, and the websafe version is hex  $\text{FFCC66}$ . A complement of this color would be  $147.3640, 51.5855, -25.7522$ , 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  $166.6680, -50.1223, 23.0932$  is the 20% darker color. If you saturate the color by 10%, you get  $216.8510, -61.0585, 30.8257$ , and if you desaturate by 10%, it is  $228.4210, -42.1126, 20.6788$ .

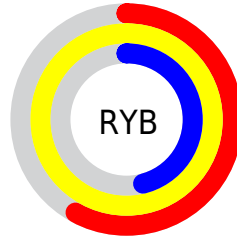
# Distribution



Red (99%)

Green (89%)

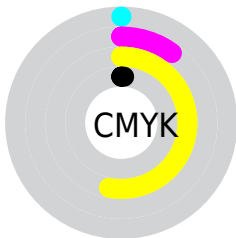
Blue (46%)



Red (58%)

Yellow (99%)

Blue (46%)

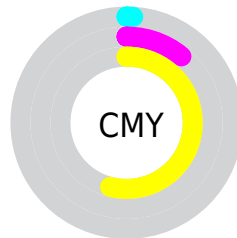


Cyan (0%)

Magenta (10%)

Yellow (53%)

Black (1%)



Cyan (1%)

Magenta (11%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 222.6360, -51.5855, 25.7522 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 222.6360, -51.5855, 25.7522 by changing the saturation by 10% instead.



222.6360,  
-51.5855, 25.7522

222.6360,  
-51.5855, 25.7522

255.0000, 0.0000,  
0.0000

194.1520,  
-50.8539, 24.4227

245.6520,  
-35.8174, 8.1982

166.6680,  
-50.1223, 23.0932

248.8440,  
-23.5871, 5.3988

139.0700,  
-49.8275, 21.8636

252.0360,  
-11.3567, 2.5994

111.6910,  
-55.0637, 21.3190

88.6440, -43.7015,  
16.9752

67.3690, -33.2129,  
12.8314

46.6810, -23.0137,

8.1728

■ 26.8790, -13.2513,  
3.6141

■ 2.3480, -1.1576,  
-2.0592

■ 222.6360,  
-51.5855, 25.7522

■ 222.6360,  
-51.5855, 25.7522

■ 216.8510,  
-61.0585, 30.8257

■ 228.4210,  
-42.1126, 20.6788

■ 211.6530,  
-70.8209, 35.3843

■ 233.6190,  
-32.3502, 16.1201

■ 205.7540,  
-80.7307, 40.5577

■ 239.5180,  
-22.4404, 10.9467

■ 200.5560,  
-90.4931, 45.1164

■ 244.7160,  
-12.6780, 6.3881

■ 196.8570,  
-97.0505, 48.3604

■ 250.5010, -3.2050,  
1.3146

■ 254.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

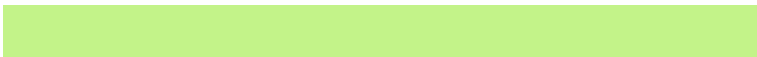
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



213.7480, -41.2878, 36.1780



222.6360, -51.5855, 25.7522



216.5640, -39.2251, -18.9116

# Triad

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



222.6360, -51.5855, 25.7522



178.1680, 37.8782, -156.2533



218.0190, 18.2316, 32.4323

# Complementary

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



222.6360, -51.5855, 25.7522



147.3640, 51.5855, -25.7522

# 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.



225.8940, 14.3493, 17.6330



222.6360, -51.5855, 25.7522



172.8850, 40.4827, -151.6201

# Square

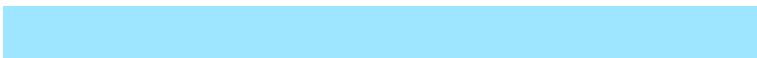
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



222.6360, -51.5855, 25.7522



176.5890, 29.2896, -154.8686



211.3220, 21.5333, -46.7634



209.3330, 5.2588, 40.0500

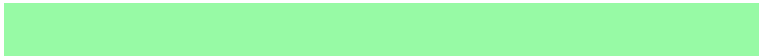


# Rectangle

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



222.6360, -51.5855, 25.7522



210.7090, -22.5345, -52.3648



211.3220, 21.5333, -46.7634



220.9540, 16.7847, 29.8583

# Sweetspot

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



222.6360, -51.5855, 25.7522



246.2170, -15.8830, 7.7027



160.9160, -8.8326, 79.8807



122.2150, -9.4730, 5.0734



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

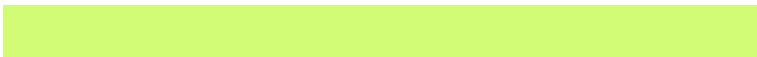
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.6360, -51.5855, 25.7522



219.3950, -62.8057, 31.2256



224.1660, -52.3398, -12.4236



122.3440, -5.0996, 2.3293



147.4960, -72.7155, 36.3990



47.5890, -23.4614, 11.7614



# Inverse Universe

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



147.3640, 51.5855, -25.7522



127.6050, 62.8057, -31.2256



145.8340, 52.3398, 12.4236



115.2430, 4.8102, -2.8441



41.5040, 72.7155, -36.3990



13.4110, 23.4614, -11.7614



# Previews

## White Background



This preview shows how the YUV color 222.6360, -51.5855, 25.7522 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

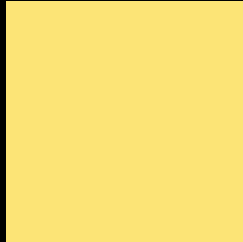
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 222.6360, -51.5855, 25.7522 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 222.6360, -51.5855, 25.7522 Background



This preview shows how black text looks on a background with the YUV color 222.6360, -51.5855, 25.7522.



This preview shows how white text looks on a background with the YUV color 222.6360, -51.5855, 25.7522.

25.7522.

# 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

222.6360, -51.5855, 25.7522

### Protanopia

222.6360, -51.5855, 25.7522

### Deuteranopia

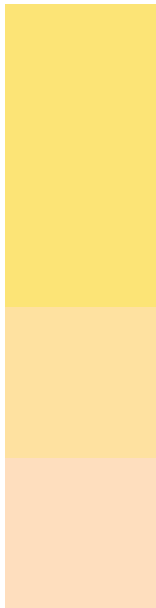
228.1220, -21.7521, 23.5720



## Tritanopia

230.5450, 0.2243, 21.4470

# Trichromacy



## Original Color

222.6360, -51.5855, 25.7522

## Protanomaly

222.6360, -51.5855, 25.7522

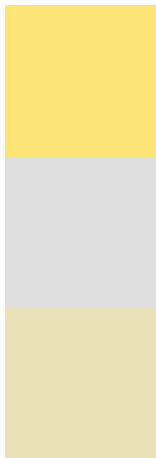
## Deuteranomaly

226.2610, -32.6667, 24.3271

## Tritanomaly

227.9200, -18.6946, 22.8722

# Monochromacy



## Original Color

222.6360, -51.5855, 25.7522

## Achromatopsia

223.0000, 0.0000, 0.0000

## Achromatomaly

223.1310, -18.7986, 9.5321

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 222.6360, -51.5855, 25.7522 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(252, 228, 118)` looks like.

```
.text, #text, p{  
    color:rgb(252, 228, 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(252, 228, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 228, 118) }
```

## Border

The CSS property to change the border of an element to YUV 222.6360, -51.5855, 25.7522 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(252, 228, 118) }
```



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

```
.border{ border-color:rgb(252, 228, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 228, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 228, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 228, 118);  
box-shadow:4px 4px 4px 4px rgb(252, 228,  
118) }
```

# Background

The CSS property to change the background color of an element to YUV 222.6360, -51.5855, 25.7522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 228, 118) }
```

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

```
.background{ background-color: rgb(252,  
228, 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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