

# Converting Colors

YUV(226.0590, -49.8221,  
20.1193)

Have a look what the booklet for  
YUV(226.0590, -49.8221, 20.1193)  
contains.

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# Color

**YUV(226.0590, -49.8221,  
20.1193)**

# Conversions

Conversions Part 1	
Format	Color
Hex	F9EA7D
RGB	249, 234, 125
RGB Percent	98%, 92%, 49%
CMY	0.0235, 0.0824, 0.5098
CMYK	0.00, 0.06, 0.50, 0.02
HSL	53°, 91%, 73%
HSV	53°, 50%, 98%
XYZ	72.1914, 80.4660, 31.1286
YIQ	226.0590, 43.9290, -30.7190

# Conversions

## Conversions Part 2

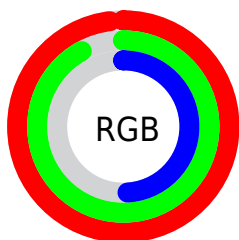
Format	Color
<a href="#">RYB</a>	<a href="#">142, 249, 125</a>
Decimal	<a href="#">16378493</a>
CIELab	<a href="#">91.89, -8.86, 54.27</a>
CIELCh	<a href="#">92, 54.988, 99.274</a>
Yxy	<a href="#">80.4660, 0.3928, 0.4378</a>
Android (android.graphics.Color)	<a href="#">4294568573</a> (0xFFFF9EA7D)
YUV	<a href="#">226.0590, -49.8221, 20.1193</a>
Hunter-Lab	<a href="#">89.7029, -13.3261, 42.2172</a>

# Details

The YUV color **226.0590, -49.8221, 20.1193** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **147.9410, 49.8221, -20.1193**, and the grayscale version is **227.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.4500, -32.7599, 7.4983**, and **170.0910, -48.3589, 17.4602** is the 20% darker color. If you saturate the color by 10%, you get **221.4480, -59.8739, 24.1631**, and if you desaturate by 10%, it is **230.6700, -39.7703, 16.0754**.

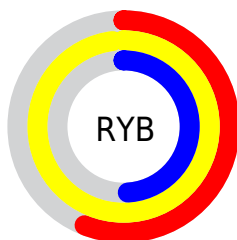
# Distribution



Red (98%)

Green (92%)

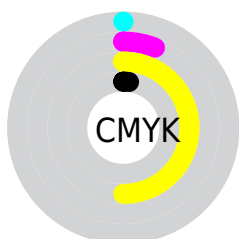
Blue (49%)



Red (56%)

Yellow (98%)

Blue (49%)

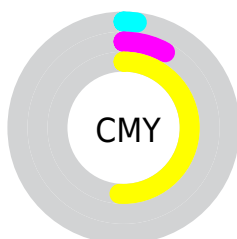


Cyan (0%)

Magenta (6%)

Yellow (50%)

Black (2%)



Cyan (2%)

Magenta (8%)


Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 226.0590, -49.8221, 20.1193 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 226.0590, -49.8221, 20.1193 by changing the saturation by 10% instead.




 226.0590,  
-49.8221, 20.1193

 226.0590,  
-49.8221, 20.1193


255.0000, 0.0000,  
0.0000


 197.5750,  
-49.0905, 18.7897


 246.4500,  
-32.7599, 7.4983


 170.0910,  
-48.3589, 17.4602


 249.6420,  
-20.5295, 4.6990

 142.7920,  
-48.2115, 16.8454

 252.9480, -7.8624,  
1.7996

 115.6240,  
-50.1006, 16.1158

 91.2800, -45.0010,  
13.7864

 70.0050, -34.5125,  
9.6426

 48.4310, -23.8765,

4.8840

■ 28.9280, -14.2615,  
0.9401

■ 7.6310, -3.7621,  
-6.6924

■ 226.0590,  
-49.8221, 20.1193

■ 226.0590,  
-49.8221, 20.1193

■ 221.4480,  
-59.8739, 24.1631

■ 230.6700,  
-39.7703, 16.0754

■ 216.8370,  
-69.9256, 28.2070


■ 235.2810,  
-29.7185, 12.0316


■ 212.2260,  
-79.9774, 32.2508


■ 239.8920,  
-19.6668, 7.9877

■ 207.6150,  
-90.0292, 36.2946

■ 244.5030, -9.6150,  
3.9439

 203.1180,  
-99.6442, 40.2385

 249.1140, 0.4368,  
-0.1000

 203.0040,  
-100.0810, 40.3385

 251.4450, 1.7526,  
-2.1443

 253.2060, 0.8844,  
-3.6887

# Harmonies

## Analogous

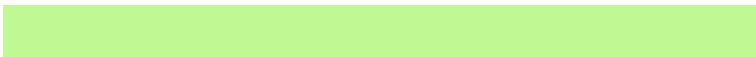
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



218.1990, -42.0031, 32.2745



226.0590, -49.8221, 20.1193



219.8560, -35.4250, -24.4297

# Triad

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



226.0590, -49.8221, 20.1193



178.7550, 37.5888, -156.7681



219.7800, 17.3635, 30.8879

# Complementary

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



226.0590, -49.8221, 20.1193



147.9410, 49.8221, -20.1193

# 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.



229.7590, 12.4438, 22.1364



226.0590, -49.8221, 20.1193



189.6070, 32.2387, -120.6813

# Square

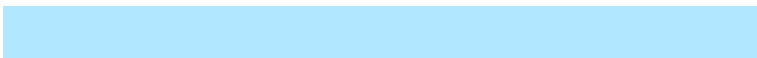
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



226.0590, -49.8221, 20.1193



177.8430, 34.0944, -155.9683



218.4760, 18.0063, -35.4975



211.9260, 2.5015, 37.7759

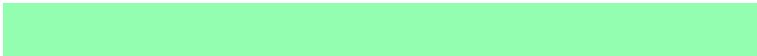


# Rectangle

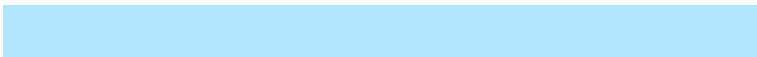
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



226.0590, -49.8221, 20.1193



213.1150, -18.2977, -57.9829



218.4760, 18.0063, -35.4975



222.1280, 16.2059, 28.8287

# Sweetspot

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



226.0590, -49.8221, 20.1193



247.7330, -15.1514, 6.3732



164.0140, -10.8529, 74.5327



123.6170, -9.1782, 3.8439



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

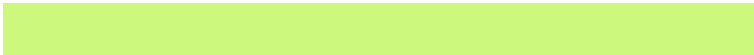
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.0590, -49.8221, 20.1193



226.4050, -61.3317, 25.0778



221.4090, -47.5296, -15.2677



122.3440, -5.0996, 2.3293



153.9530, -75.8988, 30.7362



49.9370, -24.6189, 9.7023



# Inverse Universe

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



147.9410, 49.8221, -20.1193



130.5950, 61.3317, -25.0778



152.5910, 47.5296, 15.2677



114.6560, 5.0996, -2.3293



35.0470, 75.8988, -30.7362

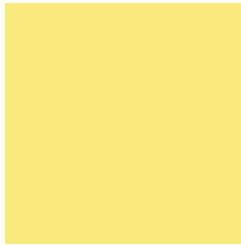


11.0630, 24.6189, -9.7023



# Previews

## White Background



This preview shows how the YUV color 226.0590, -49.8221, 20.1193 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

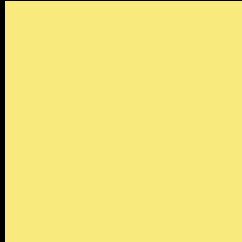
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 226.0590, -49.8221, 20.1193 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 226.0590, -49.8221, 20.1193

## Background



This preview shows how black text looks on a background with the YUV color 226.0590, -49.8221, 20.1193.



This preview shows how white text looks on a background with the YUV color 226.0590, -49.8221,



# 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

226.0590, -49.8221, 20.1193

### Protanopia

226.7930, -49.6909, 24.7375

### Deuteranopia

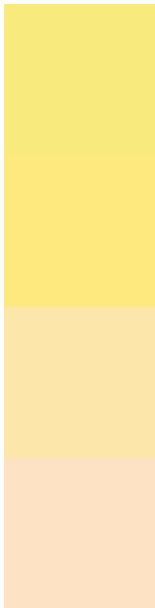
231.8380, -17.6681, 20.3131



## Tritanopia

234.1640, 1.3981, 18.2732

# Trichromacy



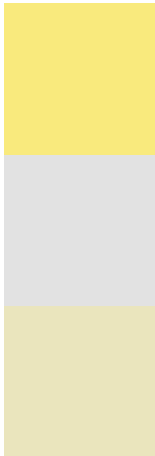
**Original Color**  
226.0590, -49.8221, 20.1193

**Protanomaly**  
226.7820, -49.6855, 22.9932

**Deuteranomaly**  
230.0370, -29.5982, 20.1386

**Tritanomaly**  
231.2400, -17.3733, 19.0835

# Monochromacy



**Original Color**  
226.0590, -49.8221, 20.1193

**Achromatopsia**  
226.0000, 0.0000, 0.0000

**Achromatomaly**  
225.9350, -18.2090, 7.0730

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 226.0590, -49.8221, 20.1193 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(249, 234, 125)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 125)  
}
```

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(249, 234, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 125) }
```

## Border

The CSS property to change the border of an element to YUV 226.0590, -49.8221, 20.1193 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(249, 234, 125) }
```



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

```
.border{ border-color:rgb(249, 234, 125) }
```

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

Here you see how a box with a 4 pixel rgb(249, 234, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 125);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 226.0590, -49.8221, 20.1193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 125) }
```

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

```
.background{ background-color: rgb(249,  
234, 125) }
```

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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