

Converting Colors

YUV(190.8050, -27.5119,
51.0370)

Have a look what the booklet for
YUV(190.8050, -27.5119, 51.0370)
contains.

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Color

**YUV(190.8050, -27.5119,
51.0370)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F9AC87 |
| RGB | 249, 172, 135 |
| RGB Percent | 98%, 67%, 53% |
| CMY | 0.0235, 0.3255, 0.4706 |
| CMYK | 0.00, 0.31, 0.46, 0.02 |
| HSL | 19°, 90%, 75% |
| HSV | 19°, 46%, 98% |
| XYZ | 58.1926, 51.3941, 29.7746 |
| YIQ | 190.8050, 57.7690, 4.8170 |

Conversions

Conversions Part 2

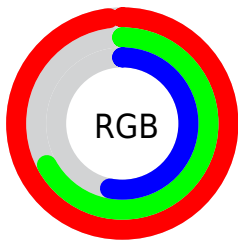
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 249, 190, 135 |
| Decimal | 16362631 |
| CIE Lab | 76.92, 24.06, 30.39 |
| CIE LCh | 77, 38.760, 51.625 |
| Yxy | 51.3941, 0.4176, 0.3688 |
| Android (android.graphics.Color) | 4294552711 (0xFFF9AC87) |
| YUV | 190.8050, -27.5119, 51.0370 |
| Hunter-Lab | 71.6896, 19.4369, 25.5580 |

Details

The YUV color **190.8050, -27.5119, 51.0370** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **193.1950, 27.5119, -51.0370**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6270, -21.0151, 20.4981**, and **136.3530, -25.3170, 47.0484** is the 20% darker color. If you saturate the color by 10%, you get **177.9760, -33.5122, 62.2880**, and if you desaturate by 10%, it is **203.6340, -21.5116, 39.7860**.

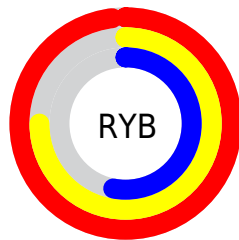
Distribution



Red (98%)

Green (67%)

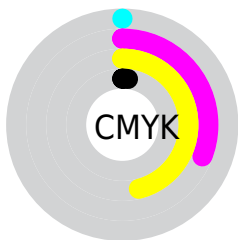
Blue (53%)



Red (98%)

Yellow (75%)

Blue (53%)

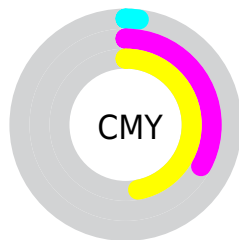


Cyan (0%)

Magenta (31%)

Yellow (46%)

Black (2%)



Cyan (2%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.8050, -27.5119, 51.0370 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 190.8050, -27.5119, 51.0370 by changing the saturation by 10% instead.

190.8050,
-27.5119, 51.0370

190.8050,
-27.5119, 51.0370

255.0000, 0.0000,
0.0000

163.0220,
-26.6328, 49.0927

231.6270,
-21.0151, 20.4981

136.3530,
-25.3170, 47.0484

250.5540,
-17.0351, 3.8991

110.2710,
-24.2906, 44.4893

253.8600, -4.3680,
0.9998

85.3030, -22.8274,
41.8303

60.9220, -21.6535,
38.6564

37.7090, -18.5905,
36.2122

16.7220, -8.2439,

30.9388

■ 6.8770, -3.3904,
14.1399

■ 0.0000, 0.0000,
0.0000

■ 190.8050,
-27.5119, 51.0370

■ 190.8050,
-27.5119, 51.0370

■ 177.9760,
-33.5122, 62.2880

■ 203.6340,
-21.5116, 39.7860

■ 165.1470,
-39.5125, 73.5391

■ 216.4630,
-15.5113, 28.5349

■ 152.9050,
-45.8022, 84.2753

■ 228.7050, -9.2216,
17.7987

■ 140.0760,
-51.8025, 95.5263

■ 241.5340, -3.2213,
6.5477

■ 127.2470,
-57.8028, 106.7774

■ 253.2060, 0.8844,
-3.6887

■ 121.9980,
-60.1450, 111.3808

Harmonies

Analogous

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



190.7360, -12.6878, 56.3595



190.8050, -27.5119, 51.0370



188.2510, -34.1407, 30.4749

Triad

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



190.8050, -27.5119, 51.0370



173.1740, 2.3792, -63.2966



190.8980, 31.6023, -9.5575

Complementary

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



190.8050, -27.5119, 51.0370



193.1950, 27.5119, -51.0370

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.



180.6000, 36.6792, -51.3922



190.8050, -27.5119, 51.0370



164.5350, 24.8792, -93.4312

Square

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



190.8050, -27.5119, 51.0370



179.8180, -17.6583, -29.6584



167.9990, 37.9615, -89.4531



195.0290, 19.7057, 26.2846

Rectangle

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



190.8050, -27.5119, 51.0370



186.0700, -33.0655, 12.2166



167.9990, 37.9615, -89.4531



188.4510, 32.8087, -23.1975

Sweetspot

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



190.8050, -27.5119, 51.0370



236.8080, -8.7793, 15.9544



177.9780, 17.2658, 62.2863



116.6870, -5.2687, 9.9215



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.



190.8050, -27.5119, 51.0370



183.2750, -33.6596, 62.9028



223.6770, -43.7178, 22.2083



118.8220, -3.3632, 5.4181



92.3180, -45.5128, 84.7901



29.9790, -14.7796, 27.2054

Inverse Universe

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



193.1950, 27.5119, -51.0370



186.1380, 33.9490, -62.3880



160.3230, 43.7178, -22.2083



118.7650, 3.0739, -5.9329



96.0950, 45.8022, -84.2753



31.0210, 14.7796, -27.2054

Previews

White Background



This preview shows how the YUV color 190.8050, -27.5119, 51.0370 looks on a white background.

Color Contrast Check

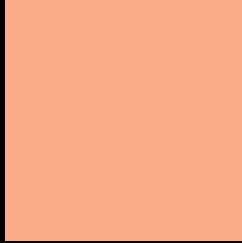
Large Text (above 18pt) WCAG AA × Fail

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 190.8050, -27.5119, 51.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

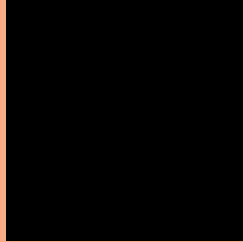
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.8050, -27.5119, 51.0370

Background



This preview shows how black text looks on a background with the YUV color 190.8050, -27.5119, 51.0370.



This preview shows how white text looks on a background with the YUV color 190.8050, -27.5119, 51.0370.

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

190.8050, -27.5119, 51.0370

Protanopia

188.8280, -22.5932, 13.3058

Deuteranopia

189.8690, -28.0364, 32.5639



Tritanopia

193.4950, -7.1460, 52.1859

Trichromacy



Original Color

190.8050, -27.5119, 51.0370

Protanomaly

189.1610, -24.2364, 27.0458

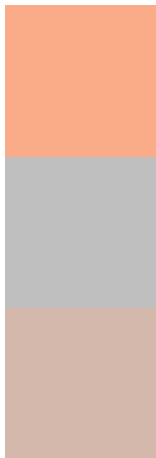
Deuteranomaly

190.0270, -27.6213, 39.4413

Tritanomaly

192.5460, -14.5662, 52.1412

Monochromacy



Original Color

190.8050, -27.5119, 51.0370

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

190.8900, -9.8058, 18.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.8050, -27.5119, 51.0370 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, 172, 135)` looks like.

```
.text, #text, p{  
    color:rgb(249, 172, 135)  
}
```

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, 172, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 172, 135) }
```

Border

The CSS property to change the border of an element to YUV 190.8050, -27.5119, 51.0370 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, 172, 135) }
```


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

```
.border{ border-color:rgb(249, 172, 135) }
```

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

Here you see how a box with a 4 pixel rgb(249, 172, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 172, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 172, 135);  
box-shadow:4px 4px 4px 4px rgb(249, 172,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 190.8050, -27.5119, 51.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 172, 135) }
```

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

```
.background{ background-color: rgb(249,  
172, 135) }
```

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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