

Converting Colors

YUV(186.9710, -19.2127,
49.1374)

Have a look what the booklet for
YUV(186.9710, -19.2127, 49.1374)
contains.

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Color

**YUV(186.9710, -19.2127,
49.1374)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A694
RGB	243, 166, 148
RGB Percent	95%, 65%, 58%
CMY	0.0471, 0.3490, 0.4196
CMYK	0.00, 0.32, 0.39, 0.05
HSL	11°, 80%, 77%
HSV	11°, 39%, 95%
XYZ	55.9437, 48.4652, 34.4231
YIQ	186.9710, 51.6700, 10.7260

Conversions

Conversions Part 2

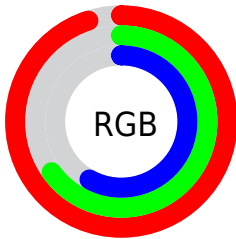
Format	Color
R _Y B	243, 170, 148
Decimal	15967892
CIE Lab	75.12, 26.28, 20.85
CIE LCh	75, 33.546, 38.432
Yxy	48.4652, 0.4030, 0.3491
Android (android.graphics.Color)	4294157972 (0xFFF3A694)
YUV	186.9710, -19.2127, 49.1374
Hunter-Lab	69.6170, 21.6115, 19.4151

Details

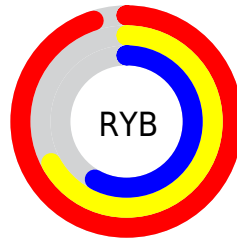
The YUV color $186.9710, -19.2127, 49.1374$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $204.0290, 19.2127, -49.1374$, and the grayscale version is $187.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $229.0000, -13.3110, 22.8020$, and $132.7040, -17.6021, 45.8636$ is the 20% darker color. If you saturate the color by 10%, you get $172.4950, -23.9080, 61.8329$, and if you desaturate by 10%, it is $201.4470, -14.5174, 36.4420$.

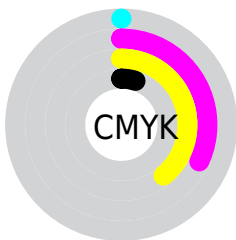
Distribution



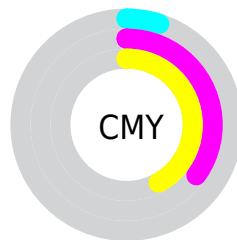
- Red (95%)
- Green (65%)
- Blue (58%)



- Red (95%)
- Yellow (67%)
- Blue (58%)



- Cyan (0%)
- Magenta (32%)
- Yellow (39%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.9710, -19.2127, 49.1374 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 186.9710, -19.2127, 49.1374 by changing the saturation by 10% instead.

186.9710,
-19.2127, 49.1374

186.9710,
-19.2127, 49.1374

255.0000, 0.0000,
0.0000

159.4870,
-18.4811, 47.8079

229.0000,
-13.3110, 22.8020

132.7040,
-17.6021, 45.8636

249.2150, -9.4730,
5.0734

106.6220,
-16.5756, 43.3045

81.6540, -15.1124,
40.6454

57.5720, -14.0860,
38.0864

33.5610, -14.0806,
36.3420

14.6510, -7.2229,

30.1241

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 186.9710,
-19.2127, 49.1374

■ 186.9710,
-19.2127, 49.1374

■ 172.4950,
-23.9080, 61.8329

■ 201.4470,
-14.5174, 36.4420

■ 158.4920,
-29.3296, 74.1135

■ 215.4500, -9.0958,
24.1614

■ 144.0160,
-34.0249, 86.8090

■ 229.9260, -4.4005,
11.4659

■ 129.5400,
-38.7202, 99.5044

■ 244.4020, 0.2948,
-1.2296

■ 115.5370,
-44.1417, 111.7851

■ 251.4120, 1.7689,
-7.3773

■ 101.0610,
-48.8371, 124.4805

■ 99.6590, -49.1319,
125.7101

Harmonies

Analogous

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



188.8260, -5.8302, 50.1416



186.9710, -19.2127, 49.1374



184.8910, -28.0473, 36.0526

Triad

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



186.9710, -19.2127, 49.1374



173.7270, -6.2744, -40.9796



183.5820, 30.7721, -23.3124

Complementary

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



186.9710, -19.2127, 49.1374



204.0290, 19.2127, -49.1374

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.



174.6550, 33.2011, -55.8254



186.9710, -19.2127, 49.1374



168.6820, 11.9888, -65.4961

Square

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



186.9710, -19.2127, 49.1374



179.0050, -21.2015, -13.1594



167.2260, 27.0036, -74.7432



188.5000, 21.9385, 10.0855

Rectangle

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



186.9710, -19.2127, 49.1374



183.0480, -29.6037, 21.8829



167.2260, 27.0036, -74.7432



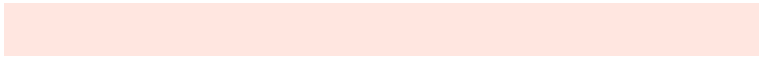
180.5590, 32.2624, -34.6932

Sweetspot

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



186.9710, -19.2127, 49.1374



236.7910, -6.3060, 15.9693



185.2970, 20.0666, 50.6055



117.1430, -3.5215, 9.5216



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.



186.9710, -19.2127, 49.1374



184.3810, -24.3448, 61.9329



214.5600, -32.8141, 24.9419



114.7620, -2.3477, 6.3477



76.1590, -37.5464, 96.3306



24.0980, -11.8803, 30.6091

Inverse Universe

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



204.0290, 19.2127, -49.1374



205.6190, 24.3448, -61.9329



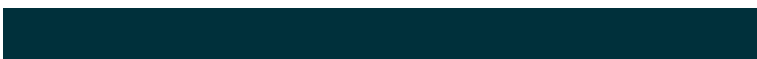
176.4400, 32.8141, -24.9419



117.2380, 2.3477, -6.3477



109.8410, 37.5464, -96.3306



34.9020, 11.8803, -30.6091

Previews

White Background



This preview shows how the YUV color 186.9710, -19.2127, 49.1374 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 186.9710, -19.2127, 49.1374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

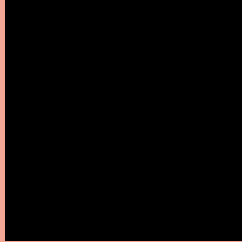
Any Text WCAG AA ✓ Pass

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 186.9710, -19.2127, 49.1374 Background



This preview shows how black text looks on a background with the YUV color 186.9710, -19.2127, 49.1374.



This preview shows how white text looks on a background with the YUV color 186.9710, -19.2127, 49.1374.

49.1374.

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

186.9710, -19.2127, 49.1374

Protanopia

184.7980, -13.7044, 8.9472

Deuteranopia

186.0130, -19.7264, 27.1756



Tritanopia

188.1850, -6.9932, 49.8268

Trichromacy



Original Color

186.9710, -19.2127, 49.1374

Protanomaly

185.4300, -15.4950, 23.3019

Deuteranomaly

186.4700, -19.4587, 34.6678

Tritanomaly

187.4470, -11.0664, 49.5970

Monochromacy



Original Color

186.9710, -19.2127, 49.1374

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

186.6880, -6.7482, 17.8136

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.9710, -19.2127, 49.1374 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(243, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(243, 166, 148)  
}
```

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(243, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 166, 148) }
```

Border

The CSS property to change the border of an element to YUV 186.9710, -19.2127, 49.1374 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(243, 166, 148) }
```


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

```
.border{ border-color:rgb(243, 166, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 166, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(243, 166,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 186.9710, -19.2127, 49.1374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 166, 148) }
```

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

```
.background{ background-color: rgb(243,  
166, 148) }
```

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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