

Converting Colors

YUV(219.1110, -38.5087,
31.4747)

Have a look what the booklet for
YUV(219.1110, -38.5087, 31.4747)
contains.

YUV(219.1110, -38.5087, 31.4747)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(219.1110, -38.5087,
31.4747)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD88D
RGB	255, 216, 141
RGB Percent	100%, 85%, 55%
CMY	0.0000, 0.1529, 0.4471
CMYK	0.00, 0.15, 0.45, 0.00
HSL	39°, 100%, 78%
HSV	39°, 45%, 100%
XYZ	70.6036, 72.2948, 35.4324
YIQ	219.1110, 47.3190, -15.0570

Conversions

Conversions Part 2

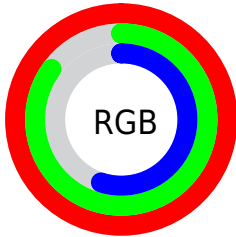
Format	Color
R _Y B	200, 255, 141
Decimal	16767117
CIE Lab	88.11, 4.08, 41.93
CIE LCh	88, 42.132, 84.448
Yxy	72.2948, 0.3959, 0.4054
Android (android.graphics.Color)	4294957197 (0xFFFFD88D)
YUV	219.1110, -38.5087, 31.4747
Hunter-Lab	85.0264, -0.5746, 34.8110

Details

The YUV color $219.1110, -38.5087, 31.4747$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $176.8890, 38.5087, -31.4747$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.2740, -25.7711, 5.8987$, and $163.2570, -36.6087, 28.7156$ is the 20% darker color. If you saturate the color by 10%, you get $210.9780, -46.8242, 38.6073$, and if you desaturate by 10%, it is $227.3580, -29.7565, 24.2420$.

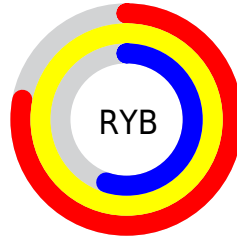
Distribution



Red (100%)

Green (85%)

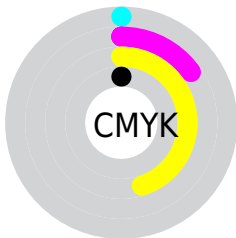
Blue (55%)



Red (78%)

Yellow (100%)

Blue (55%)

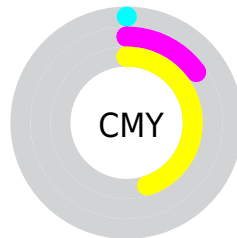


Cyan (0%)

Magenta (15%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (15%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.1110, -38.5087, 31.4747 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 219.1110, -38.5087, 31.4747 by changing the saturation by 10% instead.

219.1110,
-38.5087, 31.4747

219.1110,
-38.5087, 31.4747

255.0000, 0.0000,
0.0000

190.7410,
-37.3403, 30.0451

248.2740,
-25.7711, 5.8987

163.2570,
-36.6087, 28.7156

251.4660,
-13.5407, 3.0993

136.8870,
-35.4403, 27.2861

254.7720, -0.8736,
0.2000

110.9900,
-34.9981, 25.4418

85.8650, -35.4294,
23.7974

62.6950, -30.9086,
20.4385

42.3060, -20.8569,

16.3946

■ 23.0910, -11.3839,
11.3212

■ 0.0000, 0.0000,
0.0000

■ 219.1110,
-38.5087, 31.4747

■ 219.1110,
-38.5087, 31.4747

■ 210.9780,
-46.8242, 38.6073

■ 227.3580,
-29.7565, 24.2420

■ 203.3180,
-55.8658, 45.3251

■ 234.9040,
-21.1517, 17.6242

■ 195.1850,
-64.1812, 52.4578

■ 243.1510,
-12.3994, 10.3916

■ 186.9380,
-72.9334, 59.6904

■ 251.2840, -4.0840,
3.2589

■ 178.8050,
-81.2489, 66.8230

255.0000, 0.0000,
0.0000

■ 174.8610,
-86.2065, 70.2819

Harmonies

Analogous

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



212.7170, -27.4685, 37.0822



219.1110, -38.5087, 31.4747



215.1670, -33.6063, -1.0235

Triad

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



219.1110, -38.5087, 31.4747



193.9190, 29.1269, -102.5380



222.1280, 16.2059, 28.8287

Complementary

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



219.1110, -38.5087, 31.4747



176.8890, 38.5087, -31.4747

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.



218.6850, 17.9033, -2.3547



219.1110, -38.5087, 31.4747



195.6970, 29.2364, -90.9423

Square

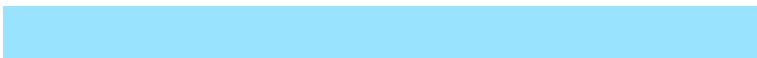
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.1110, -38.5087, 31.4747



201.5040, 5.1745, -73.2330



208.0660, 23.1385, -48.2929



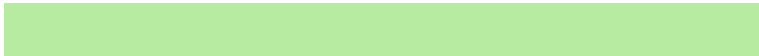
214.5820, 7.6011, 35.4466

Rectangle

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



219.1110, -38.5087, 31.4747



211.4290, -24.3685, -24.0552



208.0660, 23.1385, -48.2929



223.5680, 15.4960, 23.1809

Sweetspot

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



219.1110, -38.5087, 31.4747



244.7810, -11.2310, 8.9621



179.6460, 0.6675, 66.0855



121.4970, -7.1470, 5.7031



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.



219.1110, -38.5087, 31.4747



211.6790, -46.6767, 37.9925



236.9210, -47.2891, 0.9463



123.5830, -4.2314, 3.8737



131.0710, -64.6180, 52.5577



43.7900, -21.5885, 17.7242

Inverse Universe

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



176.8890, 38.5087, -31.4747



160.3210, 46.6767, -37.9925



159.0790, 47.2891, -0.9463



118.8300, 4.5208, -3.3589



59.9290, 64.6180, -52.5577



20.2100, 21.5885, -17.7242

Previews

White Background



This preview shows how the YUV color 219.1110, -38.5087, 31.4747 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 219.1110, -38.5087, 31.4747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

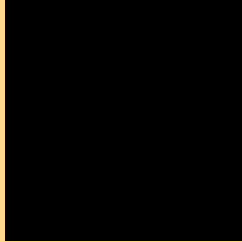
Any Text WCAG AA ✓ Pass

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 219.1110, -38.5087, 31.4747 Background



This preview shows how black text looks on a background with the YUV color 219.1110, -38.5087, 31.4747.



This preview shows how white text looks on a background with the YUV color 219.1110, -38.5087, 31.4747.

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

219.1110, -38.5087, 31.4747

Protanopia

218.0880, -37.0184, 20.0938

Deuteranopia

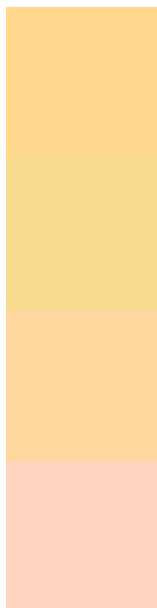
221.0150, -26.1364, 29.8048



Tritanopia

224.2360, -1.1023, 26.9800

Trichromacy



Original Color

219.1110, -38.5087, 31.4747

Protanomaly

218.2950, -37.6134, 24.2973

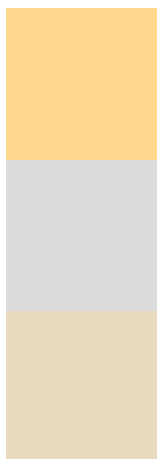
Deuteranomaly

220.4620, -30.7938, 30.2898

Tritanomaly

222.6910, -14.6377, 28.3350

Monochromacy



Original Color

219.1110, -38.5087, 31.4747

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1080, -13.8572, 11.3063

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.1110, -38.5087, 31.4747 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(255, 216, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 141)  
}
```

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(255, 216, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 141) }
```

Border

The CSS property to change the border of an element to YUV 219.1110, -38.5087, 31.4747 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(255, 216, 141) }
```


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

```
.border{ border-color:rgb(255, 216, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 219.1110, -38.5087, 31.4747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 141) }
```

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

```
.background{ background-color: rgb(255,  
216, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor