

Converting Colors

YUV(201.2100, -38.5575,
47.1738)

Have a look what the booklet for
YUV(201.2100, -38.5575, 47.1738)
contains.

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Color

**YUV(201.2100, -38.5575,
47.1738)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBD7B
RGB	255, 189, 123
RGB Percent	100%, 74%, 48%
CMY	0.0000, 0.2588, 0.5176
CMYK	0.00, 0.26, 0.52, 0.00
HSL	30°, 100%, 74%
HSV	30°, 52%, 100%
XYZ	63.0127, 59.0853, 26.8224
YIQ	201.2100, 60.5220, -6.5340

Conversions

Conversions Part 2

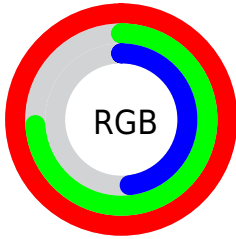
Format	Color
R _Y B	255, 255, 123
Decimal	16760187
CIE Lab	81.34, 16.42, 42.45
CIE LCh	81, 45.515, 68.856
Yxy	59.0853, 0.4231, 0.3968
Android (android.graphics.Color)	4294950267 (0xFFFFBD7B)
YUV	201.2100, -38.5575, 47.1738
Hunter-Lab	76.8669, 11.8108, 33.1179

Details

The YUV color $201.2100, -38.5575, 47.1738$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $176.7900, 38.5575, -47.1738$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.1240, -31.6131, 13.0463$, and $146.3450, -36.6521, 42.6704$ is the 20% darker color. If you saturate the color by 10%, you get $190.7290, -45.7154, 56.3657$, and if you desaturate by 10%, it is $211.8050, -30.9629, 37.8820$.

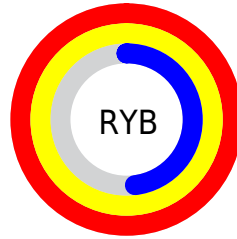
Distribution



Red (100%)

Green (74%)

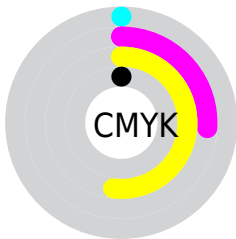
Blue (48%)



Red (100%)

Yellow (100%)

Blue (48%)

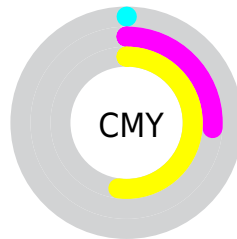


Cyan (0%)

Magenta (26%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.2100, -38.5575, 47.1738 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 201.2100, -38.5575, 47.1738 by changing the saturation by 10% instead.

201.2100,
-38.5575, 47.1738

201.2100,
-38.5575, 47.1738

255.0000, 0.0000,
0.0000

173.4270,
-37.6785, 45.2295

240.1240,
-31.6131, 13.0463

146.3450,
-36.6521, 42.6704

249.1860,
-22.2767, 5.0989

119.6760,
-35.3363, 40.6261

252.4920, -9.6096,
2.1995

94.4800, -34.7466,
38.1670

69.2840, -34.1570,
35.7079

48.2970, -23.8104,
30.4345

27.8970, -13.7532,

24.6463

■ 9.8670, -4.8644,
20.2876

■ 0.0000, 0.0000,
0.0000

■ 201.2100,
-38.5575, 47.1738

■ 201.2100,
-38.5575, 47.1738

■ 190.7290,
-45.7154, 56.3657

■ 211.8050,
-30.9629, 37.8820

■ 180.7210,
-53.5995, 65.1427

■ 222.2860,
-23.8050, 28.6902

■ 170.2400,
-60.7573, 74.3345

■ 232.2940,
-15.9209, 19.9132

■ 159.6450,
-68.3520, 83.6263

■ 242.7750, -8.7631,
10.7213

151.3810,
-74.6308, 90.8739

253.3700, -1.1684,
1.4295

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



196.1840, -22.2757, 51.5816



201.2100, -38.5575, 47.1738



197.8550, -40.3545, 16.7902

Triad

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



201.2100, -38.5575, 47.1738



169.3280, 22.0233, -110.7897



204.9290, 24.6850, 15.8483

Complementary

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



201.2100, -38.5575, 47.1738



176.7900, 38.5575, -47.1738

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.



195.4840, 29.3414, -31.1195



201.2100, -38.5575, 47.1738



159.2700, 46.7019, -139.6798

Square

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



201.2100, -38.5575, 47.1738



184.6770, -7.2358, -59.3527



178.5970, 37.6667, -88.2236



204.4720, 14.5573, 44.3131

Rectangle

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



201.2100, -38.5575, 47.1738



194.7210, -33.8795, -6.7713



178.5970, 37.6667, -88.2236



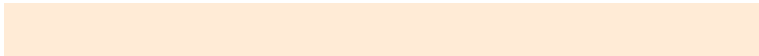
202.7700, 25.7494, 1.0787

Sweetspot

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



201.2100, -38.5575, 47.1738



238.5860, -12.1209, 14.3951



169.9920, 9.3709, 74.5520



117.5190, -7.1579, 9.1918



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.



201.2100, -38.5575, 47.1738



190.6150, -46.1522, 56.4656



239.9520, -57.6573, 13.1971



122.4090, -3.6526, 4.9033



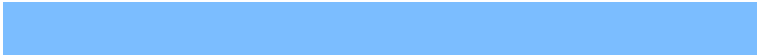
113.4610, -55.9363, 68.0017



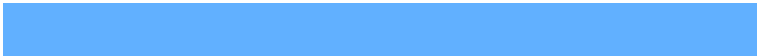
37.9200, -18.6946, 22.8722

Inverse Universe

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



176.7900, 38.5575, -47.1738



161.3850, 46.1522, -56.4656



138.0480, 57.6573, -13.1971



120.0040, 3.9420, -4.3885



78.1260, 55.6469, -68.5165



26.0800, 18.6946, -22.8722

Previews

White Background



This preview shows how the YUV color 201.2100, -38.5575, 47.1738 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 201.2100, -38.5575, 47.1738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

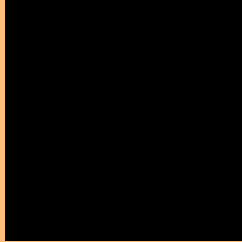
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.2100, -38.5575, 47.1738

Background



This preview shows how black text looks on a background with the YUV color 201.2100, -38.5575, 47.1738.



This preview shows how white text looks on a background with the YUV color 201.2100, -38.5575,

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

201.2100, -38.5575, 47.1738

Protanopia

198.9460, -34.9764, 18.4644

Deuteranopia

200.4540, -38.6778, 39.0668



Tritanopia

205.8960, -5.3717, 43.0642

Trichromacy



Original Color

201.2100, -38.5575, 47.1738

Protanomaly

199.6700, -36.3193, 29.2304

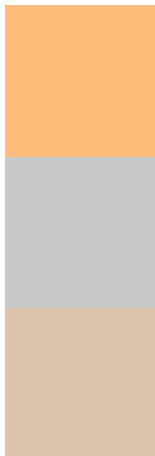
Deuteranomaly

201.0630, -38.9781, 42.0407

Tritanomaly

204.1060, -17.3073, 44.6340

Monochromacy



Original Color

201.2100, -38.5575, 47.1738

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.4400, -14.0209, 17.1541

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.2100, -38.5575, 47.1738 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, 189, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 123)  
}
```

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, 189, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 123) }
```

Border

The CSS property to change the border of an element to YUV 201.2100, -38.5575, 47.1738 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, 189, 123) }
```


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

```
.border{ border-color:rgb(255, 189, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 201.2100, -38.5575, 47.1738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 123) }
```

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

```
.background{ background-color: rgb(255,  
189, 123) }
```

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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