

Converting Colors

YUV(197.9450, -23.1439,
50.0372)

Have a look what the booklet for
YUV(197.9450, -23.1439, 50.0372)
contains.

YUV(197.9450, -23.1439, 50.0372)	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(197.9450, -23.1439,
50.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB297
RGB	255, 178, 151
RGB Percent	100%, 70%, 59%
CMY	0.0000, 0.3020, 0.4078
CMYK	0.00, 0.30, 0.41, 0.00
HSL	16°, 100%, 80%
HSV	16°, 41%, 100%
XYZ	62.7463, 55.3352, 36.6518
YIQ	197.9450, 54.5590, 7.9270

Conversions

Conversions Part 2

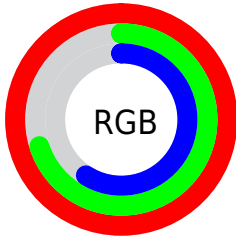
Format	Color
R _Y B	255, 187, 151
Decimal	16757399
CIE Lab	79.23, 24.87, 25.07
CIE LCh	79, 35.316, 45.226
Yxy	55.3352, 0.4055, 0.3576
Android (android.graphics.Color)	4294947479 (0xFFFFB297)
YUV	197.9450, -23.1439, 50.0372
Hunter-Lab	74.3876, 20.3873, 22.8583

Details

The YUV color $197.9450, -23.1439, 50.0372$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $208.0550, 23.1439, -50.0372$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.9730, -15.7627, 15.8097$, and $143.3790, -21.3858, 46.1486$ is the 20% darker color. If you saturate the color by 10%, you get $183.9420, -28.5654, 62.3179$, and if you desaturate by 10%, it is $212.0620, -17.2856, 37.6566$.

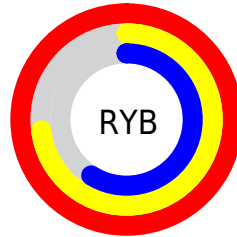
Distribution



Red (100%)

Green (70%)

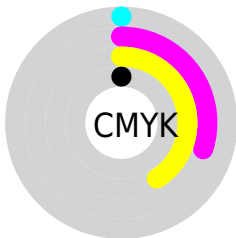
Blue (59%)



Red (100%)

Yellow (73%)

Blue (59%)

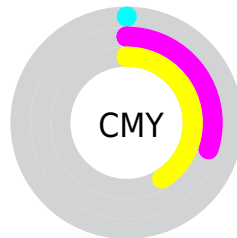


Cyan (0%)

Magenta (30%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.9450, -23.1439, 50.0372 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 197.9450, -23.1439, 50.0372 by changing the saturation by 10% instead.

197.9450,
-23.1439, 50.0372

197.9450,
-23.1439, 50.0372

255.0000, 0.0000,
0.0000

170.1620,
-22.2649, 48.0929

236.9730,
-15.7627, 15.8097

143.3790,
-21.3858, 46.1486

252.6060, -9.1728,
2.0995

117.2970,
-20.3594, 43.5895

91.6280, -19.0436,
41.5452

67.5460, -18.0172,
38.9862

43.4640, -16.9908,
36.4271

20.8640, -10.2860,

32.5683

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 197.9450,
-23.1439, 50.0372

■ 197.9450,
-23.1439, 50.0372

■ 183.9420,
-28.5654, 62.3179

■ 212.0620,
-17.2856, 37.6566

■ 169.8250,
-34.4237, 74.6985

■ 226.0650,
-11.8640, 25.3760

■ 155.8220,
-39.8452, 86.9791

■ 240.1820, -6.0057,
12.9954

■ 141.7050,
-45.7036, 99.3597

■ 254.1850, -0.5842,
0.7148

■ 128.2890, 255.0000, 0.0000,
-51.4145, 111.1255 0.0000

■ 114.9870,
-56.6886, 122.7914

Harmonies

Analogous

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



197.8430, -8.3036, 50.1267



197.9450, -23.1439, 50.0372



196.0710, -31.0940, 33.2637

Triad

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



197.9450, -23.1439, 50.0372



182.9970, -2.4635, -49.9864



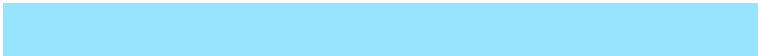
196.1700, 29.0032, -15.9351

Complementary

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



197.9450, -23.1439, 50.0372



208.0550, 23.1439, -50.0372

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.



187.0900, 33.4796, -51.8219



197.9450, -23.1439, 50.0372



177.5930, 16.9627, -74.1881

Square

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



197.9450, -23.1439, 50.0372



188.4170, -19.4326, -20.5367



178.3550, 31.3770, -77.4873



200.9140, 20.7484, 18.4924

Rectangle

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



197.9450, -23.1439, 50.0372



193.5590, -31.3346, 17.0498



178.3550, 31.3770, -77.4873



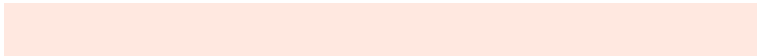
192.8480, 30.6409, -27.9307

Sweetspot

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



197.9450, -23.1439, 50.0372



237.9650, -6.8847, 14.9397



190.9880, 18.7399, 56.1385



117.7300, -3.8109, 9.0068



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.



197.9450, -23.1439, 50.0372



186.1590, -27.6864, 60.3736



227.8820, -37.9028, 23.7825



120.6480, -2.7845, 6.4477



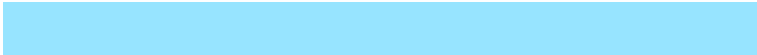
86.4590, -42.6243, 91.6825



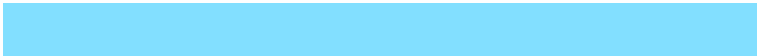
29.1150, -14.3537, 30.5941

Inverse Universe

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



208.0550, 23.1439, -50.0372



198.8410, 27.6864, -60.3736



178.1180, 37.9028, -23.7825



121.7650, 3.0739, -5.9329



105.1280, 42.3349, -92.1973



34.8850, 14.3537, -30.5941

Previews

White Background



This preview shows how the YUV color 197.9450, -23.1439, 50.0372 looks on a white background.

Color Contrast Check

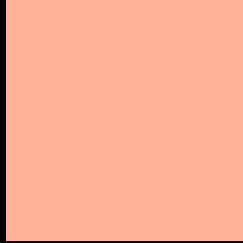
Large Text (above 18pt) WCAG AA × Fail

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 197.9450, -23.1439, 50.0372 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 197.9450, -23.1439, 50.0372

Background



This preview shows how black text looks on a background with the YUV color 197.9450, -23.1439, 50.0372.



This preview shows how white text looks on a background with the YUV color 197.9450, -23.1439, 50.0372.

50.0372.

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

197.9450, -23.1439, 50.0372

Protanopia

195.3700, -17.9304, 11.0765

Deuteranopia

196.9980, -23.6630, 29.8198



Tritanopia

200.2880, -6.5510, 47.9824

Trichromacy



Original Color

197.9450, -23.1439, 50.0372

Protanomaly

196.0020, -19.7210, 25.4312

Deuteranomaly

197.4550, -23.3953, 37.3120

Tritanomaly

199.3930, -12.5187, 48.7673

Monochromacy



Original Color

197.9450, -23.1439, 50.0372

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.2320, -8.4954, 18.2135

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.9450, -23.1439, 50.0372 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, 178, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 151)  
}
```

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, 178, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 151) }
```

Border

The CSS property to change the border of an element to YUV 197.9450, -23.1439, 50.0372 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, 178, 151) }
```


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

```
.border{ border-color:rgb(255, 178, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 197.9450, -23.1439, 50.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 151) }
```

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

```
.background{ background-color: rgb(255,  
178, 151) }
```

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