

Converting Colors

YUV(197.6200, -26.9277,
50.3223)

Have a look what the booklet for
YUV(197.6200, -26.9277, 50.3223)
contains.

YUV(197.6200, -26.9277, 50.3223)	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(197.6200, -26.9277,
50.3223)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB38F
RGB	255, 179, 143
RGB Percent	100%, 70%, 56%
CMY	0.0000, 0.2980, 0.4392
CMYK	0.00, 0.30, 0.44, 0.00
HSL	19°, 100%, 78%
HSV	19°, 44%, 100%
XYZ	62.3180, 55.4834, 33.4114
YIQ	197.6200, 56.8520, 4.9160

Conversions

Conversions Part 2

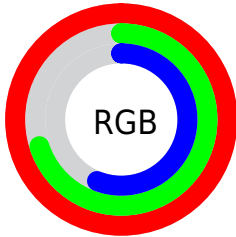
Format	Color
R _Y B	255, 196, 143
Decimal	16757647
CIE Lab	79.32, 23.51, 29.44
CIE LCh	79, 37.681, 51.388
Yxy	55.4834, 0.4121, 0.3669
Android (android.graphics.Color)	4294947727 (0xFFFFB38F)
YUV	197.6200, -26.9277, 50.3223
Hunter-Lab	74.4872, 18.9855, 25.5463

Details

The YUV color $197.6200, -26.9277, 50.3223$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $200.3800, 26.9277, -50.3223$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $236.6480, -19.5465, 16.0947$, and $143.0540, -25.1696, 46.4336$ is the 20% darker color. If you saturate the color by 10%, you get $184.7910, -32.9280, 61.5733$, and if you desaturate by 10%, it is $210.5630, -20.4906, 38.9712$.

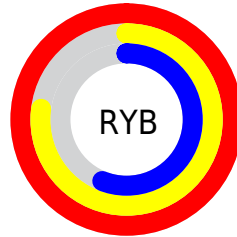
Distribution



Red (100%)

Green (70%)

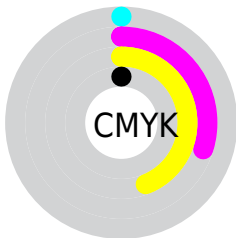
Blue (56%)



Red (100%)

Yellow (77%)

Blue (56%)

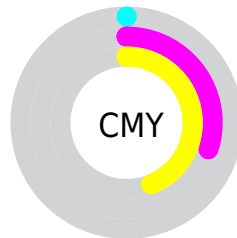


Cyan (0%)

Magenta (30%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.6200, -26.9277, 50.3223 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 197.6200, -26.9277, 50.3223 by changing the saturation by 10% instead.

197.6200,
-26.9277, 50.3223

197.6200,
-26.9277, 50.3223

255.0000, 0.0000,
0.0000

169.8370,
-26.0486, 48.3780

236.6480,
-19.5465, 16.0947

143.0540,
-25.1696, 46.4336

251.5800,
-13.1039, 2.9993

116.9720,
-24.1432, 43.8746

254.8860, -0.4368,
0.1000

91.3030, -22.8274,
41.8303

67.0360, -21.2167,
38.5564

42.7260, -21.0639,
36.1973

21.7390, -10.7173,

30.9239

■ 10.2800, -4.5750,
20.8024

■ 0.0000, 0.0000,
0.0000

■ 197.6200,
-26.9277, 50.3223

■ 197.6200,
-26.9277, 50.3223

■ 184.7910,
-32.9280, 61.5733

■ 210.5630,
-20.4906, 38.9712

■ 171.2610,
-39.0757, 73.4391

■ 223.9790,
-14.7796, 27.2054

■ 158.3180,
-45.5128, 84.7901

■ 236.9220, -8.3425,
15.8544

■ 145.4890,
-51.5131, 96.0411

■ 249.7510, -2.3422,
4.6034

■ 132.0730, 255.0000, 0.0000,
-57.2240, 107.8070 0.0000

■ 124.3790,
-61.3188, 114.5546

Harmonies

Analogous

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



196.3440, -11.5086, 51.4413



197.6200, -26.9277, 50.3223



195.3650, -33.7039, 30.3749

Triad

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



197.6200, -26.9277, 50.3223



180.7830, 2.0790, -60.3227



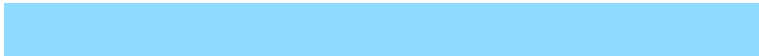
197.1000, 28.5447, -8.8577

Complementary

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



197.6200, -26.9277, 50.3223



200.3800, 26.9277, -50.3223

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.



187.6990, 33.1794, -48.8480



197.6200, -26.9277, 50.3223



173.8240, 23.2578, -86.6686

Square

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



197.6200, -26.9277, 50.3223



186.6440, -17.0795, -28.6288



176.8750, 36.0506, -83.2054



201.6160, 19.4163, 25.7698

Rectangle

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



197.6200, -26.9277, 50.3223



193.1840, -32.6287, 12.1166



176.8750, 36.0506, -83.2054



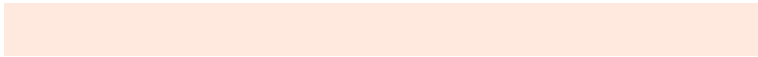
194.0660, 30.0405, -21.9829

Sweetspot

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



197.6200, -26.9277, 50.3223



238.3240, -8.0477, 14.6249



185.2660, 17.1239, 61.1567



117.3880, -5.1213, 9.3067



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.



197.6200, -26.9277, 50.3223



185.6060, -32.3438, 60.8585



229.9050, -42.8442, 22.0083



121.2350, -3.0739, 5.9329



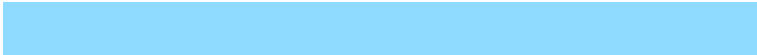
92.9160, -45.8076, 86.0197



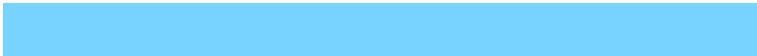
30.8760, -15.2219, 29.0497

Inverse Universe

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



200.3800, 26.9277, -50.3223



189.3940, 32.3438, -60.8585



168.0950, 42.8442, -22.0083



121.1780, 3.3632, -5.4181



98.0840, 45.8076, -86.0197



32.5370, 15.5113, -28.5349

Previews

White Background



This preview shows how the YUV color 197.6200, -26.9277, 50.3223 looks on a white background.

Color Contrast Check

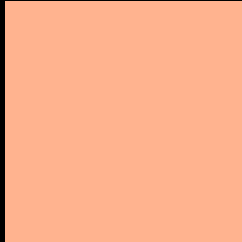
Large Text (above 18pt) WCAG AA × Fail

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 197.6200, -26.9277, 50.3223 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 197.6200, -26.9277, 50.3223

Background



This preview shows how black text looks on a background with the YUV color 197.6200, -26.9277, 50.3223.



This preview shows how white text looks on a background with the YUV color 197.6200, -26.9277, 50.3223.

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

197.6200, -26.9277, 50.3223

Protanopia

195.6430, -22.0090, 12.5911

Deuteranopia

196.9830, -27.5996, 32.4639



Tritanopia

200.2880, -6.5510, 47.9824

Trichromacy



Original Color

197.6200, -26.9277, 50.3223

Protanomaly

195.9760, -23.6522, 26.3310

Deuteranomaly

197.1410, -27.1845, 39.3413

Tritanomaly

199.0510, -13.8291, 49.0673

Monochromacy



Original Color

197.6200, -26.9277, 50.3223

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.8900, -9.8058, 18.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.6200, -26.9277, 50.3223 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, 179, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 143)  
}
```

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, 179, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 143) }
```

Border

The CSS property to change the border of an element to YUV 197.6200, -26.9277, 50.3223 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, 179, 143) }
```


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

```
.border{ border-color:rgb(255, 179, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 197.6200, -26.9277, 50.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 143) }
```

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

```
.background{ background-color: rgb(255,  
179, 143) }
```

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