

Converting Colors

$Y_{xy}(52.9736, 0.4251, 0.3728)$

Have a look what the booklet for
Yxy(52.9736, 0.4251, 0.3728)
contains.

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Color

Yxy(52.8131, 0.4250, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD84
RGB	255, 173, 132
RGB Percent	100%, 68%, 52%
CMY	0.0000, 0.3216, 0.4824
CMYK	0.00, 0.32, 0.48, 0.00
HSL	20°, 100%, 76%
HSV	20°, 48%, 100%
XYZ	60.3538, 52.8131, 28.8420
YIQ	192.8440, 62.0330, 4.6330

Conversions

Conversions Part 2

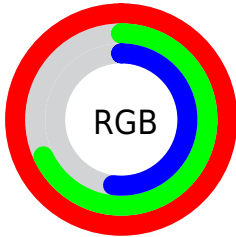
Format	Color
R _Y B	255, 194, 132
Decimal	16756100
CIE Lab	77.76, 25.60, 33.22
CIE LCh	78, 41.939, 52.377
Yxy	52.8131, 0.4250, 0.3719
Android (android.graphics.Color)	4294946180 (0xFFFFAD84)
YUV	192.8440, -29.9961, 54.5108
Hunter-Lab	72.6726, 21.0651, 27.3401

Details

The Yxy color **52.8131, 0.4250, 0.3719** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **60.2198, 0.2397, 0.2796**, and the grayscale version is **53.3822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8014, 0.3609, 0.3737**, and **25.6442, 0.4541, 0.3788** is the 20% darker color. If you saturate the color by 10%, you get **46.0868, 0.4586, 0.3791**, and if you desaturate by 10%, it is **60.5373, 0.3947, 0.3632**.

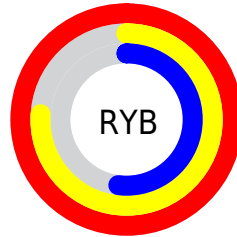
Distribution



Red (100%)

Green (68%)

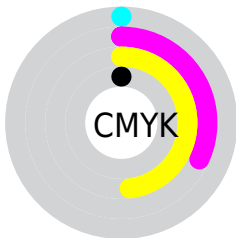
Blue (52%)



Red (100%)

Yellow (76%)

Blue (52%)

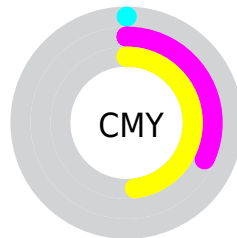


Cyan (0%)

Magenta (32%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8131, 0.4250, 0.3719 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 Yxy color 52.8131, 0.4250, 0.3719 by changing the saturation by 10% instead.


 52.8131, 0.4250,
0.3719


 52.8131, 0.4250,
0.3719


397.5676, 0.3699,
0.3538

 37.6536, 0.4381,
0.3753


 94.3293, 0.4054,
0.3661

 25.7139, 0.4545,
0.3791


 121.4548, 0.3979,
0.3637

 16.6098, 0.4754,
0.3829


 153.3377, 0.3915,
0.3616

 9.9567, 0.5027,
0.3862

190.3624, 0.3860,
0.3597

 5.3702, 0.5390,
0.3871

232.9134, 0.3812,
0.3580

 2.4661, 0.6071,
0.3929

281.3750, 0.3770,

 0.8596, 0.6499,

0.3564

0.3501

336.1316, 0.3732,
0.3550

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.8131, 0.4250,
0.3719

52.8131, 0.4250,
0.3719

46.0868, 0.4586,
0.3791

60.5373, 0.3947,
0.3632

40.3182, 0.4943,
0.3836

69.3037, 0.3683,
0.3540

35.4586, 0.5298,
0.3842

79.1493, 0.3456,
0.3448

31.4559, 0.5617,
0.3798

90.1106, 0.3263,
0.3359

■ 28.2484, 0.5871,
0.3706

100.0000, 0.3127,
0.3290

■ 27.7562, 0.5911,
0.3688

Harmonies

Analogous

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



52.8131, 0.4105, 0.3281



52.8131, 0.4250, 0.3719



52.8131, 0.4064, 0.4104

Triad

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



52.8131, 0.4250, 0.3719



52.8131, 0.2574, 0.3750



52.8131, 0.2577, 0.2414

Complementary

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



52.8131, 0.4250, 0.3719



60.2198, 0.2397, 0.2796

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.



52.8131, 0.2237, 0.2454



52.8131, 0.4250, 0.3719



52.8131, 0.2232, 0.3178

Square

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



52.8131, 0.4250, 0.3719



52.8131, 0.3082, 0.4195



52.8131, 0.2118, 0.2711



52.8131, 0.3091, 0.2566

Rectangle

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



52.8131, 0.4250, 0.3719



52.8131, 0.3794, 0.4271



52.8131, 0.2118, 0.2711



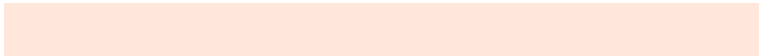
52.8131, 0.2441, 0.2404

Sweetspot

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



52.8120, 0.4250, 0.3719



83.6537, 0.3370, 0.3409



42.7228, 0.3545, 0.2447



17.4088, 0.3413, 0.3429



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.8120, 0.4250, 0.3719



46.2340, 0.4578, 0.3789



80.8928, 0.3940, 0.4284



18.9762, 0.3286, 0.3370



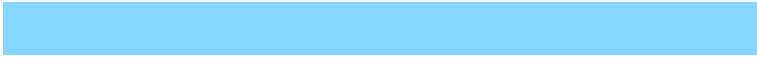
14.7470, 0.5882, 0.3712



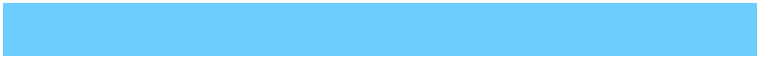
1.6271, 0.5662, 0.3886

Inverse Universe

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



60.2198, 0.2397, 0.2796



54.3518, 0.2271, 0.2676



35.4185, 0.2253, 0.2035



19.4014, 0.2980, 0.3209



19.0818, 0.1933, 0.2159



2.0590, 0.1973, 0.2303

Previews

White Background



This preview shows how the Yxy color 52.8131, 0.4250, 0.3719 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 Yxy color 52.8131, 0.4250, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

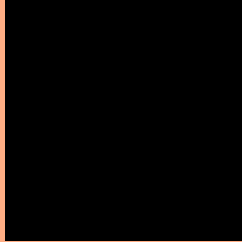
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.8131, 0.4250, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 52.8131, 0.4250, 0.3719.



This preview shows how white text looks on a background with the Yxy color 52.8131, 0.4250, 0.3719.

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

52.8131, 0.4250, 0.3719

Protanopia

52.8581, 0.3664, 0.3927

Deuteranopia

52.8816, 0.3995, 0.3903



Tritanopia

52.9312, 0.3821, 0.3176

Trichromacy



Original Color

52.8131, 0.4250, 0.3719



Protanomaly

52.3514, 0.3869, 0.3851



Deuteranomaly

52.8065, 0.4088, 0.3831



Tritanomaly

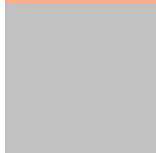
52.6538, 0.3978, 0.3366

Monochromacy



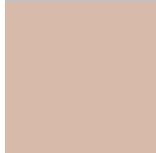
Original Color

52.8131, 0.4250, 0.3719



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

52.6570, 0.3507, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8131, 0.4250, 0.3719 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, 173, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 132)  
}
```

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, 173, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 132) }
```

Border

The CSS property to change the border of an element to Yxy 52.8131, 0.4250, 0.3719 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, 173, 132) }
```

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

```
.border{ border-color:rgb(255, 173, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8131, 0.4250, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 132) }
```

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

```
.background{ background-color: rgb(255,  
173, 132) }
```

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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