

Converting Colors

$Y_{xy}(53.2120, 0.4079, 0.3524)$

Have a look what the booklet for
Yxy(53.2120, 0.4079, 0.3524)
contains.

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Color

Yxy(53.3815, 0.4078, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD97
RGB	255, 173, 151
RGB Percent	100%, 68%, 59%
CMY	0.0000, 0.3216, 0.4078
CMYK	0.00, 0.32, 0.41, 0.00
HSL	13°, 100%, 80%
HSV	13°, 41%, 100%
XYZ	61.7735, 53.3815, 36.3249
YIQ	195.0100, 55.9340, 10.5420

Conversions

Conversions Part 2

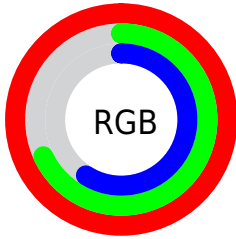
Format	Color
R_{YB}	255, 179, 151
Decimal	16756119
CIE _{Lab}	78.10, 27.50, 23.53
CIE _{LCh}	78, 36.193, 40.550
Yxy	53.3815, 0.4078, 0.3524
Android (android.graphics.Color)	4294946199 (0xFFFFAD97)
YUV	195.0100, -21.6969, 52.6112
Hunter-Lab	73.0626, 23.0597, 21.6664

Details

The Yxy color **53.3815, 0.4078, 0.3524** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.0767, 0.2525, 0.3036**, and the grayscale version is **54.6850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7064, 0.3471, 0.3533**, and **26.0888, 0.4337, 0.3560** is the 20% darker color. If you saturate the color by 10%, you get **45.5011, 0.4429, 0.3576**, and if you desaturate by 10%, it is **62.6008, 0.3777, 0.3465**.

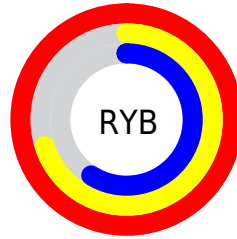
Distribution



Red (100%)

Green (68%)

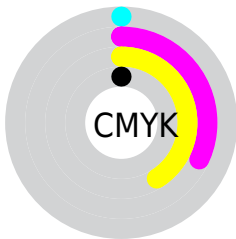
Blue (59%)



Red (100%)

Yellow (70%)

Blue (59%)

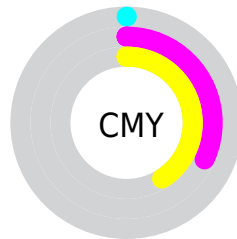


Cyan (0%)

Magenta (32%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3815, 0.4078, 0.3524 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 53.3815, 0.4078, 0.3524 by changing the saturation by 10% instead.


 53.3815, 0.4078,
0.3524


 53.3815, 0.4078,
0.3524


399.7471, 0.3609,
0.3428

 38.1074, 0.4192,
0.3541


 95.1655, 0.3910,
0.3494

 26.0661, 0.4335,
0.3560


 122.4442, 0.3846,
0.3481

 16.8731, 0.4521,
0.3579


154.4932, 0.3792,
0.3470

 10.1440, 0.4771,
0.3593

191.6970, 0.3745,
0.3460

 5.4946, 0.5120,
0.3592

234.4398, 0.3704,
0.3451

 2.5403, 0.5676,
0.3570

283.1062, 0.3669,

 0.8967, 0.6579,

0.3443

0.3421

338.0805, 0.3637,
0.3435

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3815, 0.4078,
0.3524

53.3815, 0.4078,
0.3524

45.5011, 0.4429,
0.3576

62.6008, 0.3777,
0.3465

38.8971, 0.4822,
0.3614

73.2188, 0.3523,
0.3406

33.5007, 0.5237,
0.3628

85.2908, 0.3313,
0.3348

29.2363, 0.5635,
0.3607

98.8692, 0.3139,
0.3294

■ 26.0197, 0.5967,
0.3549

100.0000, 0.3127,
0.3290

■ 23.8930, 0.6184,
0.3472

Harmonies

Analogous

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



53.3815, 0.3842, 0.3141



53.3815, 0.4078, 0.3524



53.3815, 0.4032, 0.3885

Triad

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



53.3815, 0.4078, 0.3524



53.3815, 0.2815, 0.3855



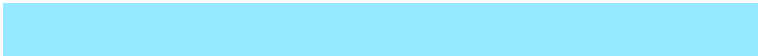
53.3815, 0.2512, 0.2518

Complementary

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



53.3815, 0.4078, 0.3524



72.0767, 0.2525, 0.3036

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.



53.3815, 0.2286, 0.2632



53.3815, 0.4078, 0.3524



53.3815, 0.2447, 0.3391

Square

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



53.3815, 0.4078, 0.3524



53.3815, 0.3285, 0.4135



53.3815, 0.2262, 0.2937



53.3815, 0.2911, 0.2586

Rectangle

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



53.3815, 0.4078, 0.3524



53.3815, 0.3856, 0.4067



53.3815, 0.2262, 0.2937



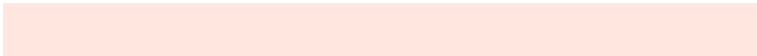
53.3815, 0.2415, 0.2535

Sweetspot

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



53.3812, 0.4078, 0.3524



83.7444, 0.3337, 0.3355



49.3448, 0.3351, 0.2461



17.5742, 0.3363, 0.3362



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.



53.3812, 0.4078, 0.3524



46.8121, 0.4363, 0.3568



76.6980, 0.3858, 0.4030



18.6096, 0.3289, 0.3341



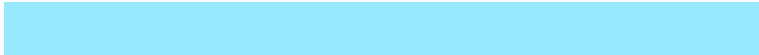
12.6574, 0.6159, 0.3492



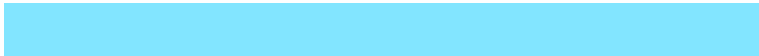
1.3820, 0.5950, 0.3658

Inverse Universe

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



72.0767, 0.2525, 0.3036



67.7696, 0.2422, 0.2976



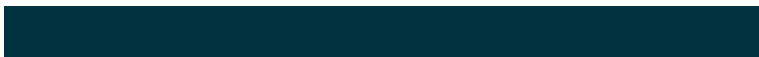
47.3367, 0.2426, 0.2413



19.7906, 0.2980, 0.3239



25.8391, 0.2054, 0.2593



2.6712, 0.2078, 0.2682

Previews

White Background



This preview shows how the Yxy color 53.3815, 0.4078, 0.3524 looks on a white background.

Color Contrast Check

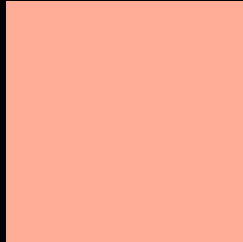
Large Text (above 18pt) WCAG AA × Fail

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 53.3815, 0.4078, 0.3524 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 53.3815, 0.4078, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 53.3815, 0.4078, 0.3524.



This preview shows how white text looks on a background with the Yxy color 53.3815, 0.4078, 0.3524.

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

53.3815, 0.4078, 0.3524

Protanopia

53.5154, 0.3476, 0.3697

Deuteranopia

53.6186, 0.3791, 0.3719



Tritanopia

53.3868, 0.3799, 0.3166

Trichromacy



Original Color

53.3815, 0.4078, 0.3524

Protanomaly

53.2401, 0.3688, 0.3631

Deuteranomaly

53.2543, 0.3892, 0.3639

Tritanomaly

53.3261, 0.3899, 0.3292

Monochromacy



Original Color

53.3815, 0.4078, 0.3524

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.5470, 0.3447, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3815, 0.4078, 0.3524 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 151) }
```

Border

The CSS property to change the border of an element to Yxy 53.3815, 0.4078, 0.3524 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, 151) }
```

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

```
.border{ border-color:rgb(255, 173, 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, 173, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3815, 0.4078, 0.3524 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, 151) }
```

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

```
.background{ background-color: rgb(255,  
173, 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](#).

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