

Converting Colors

$Y_{xy}(77.8514, 0.4335, 0.3521)$

Have a look what the booklet for
Yxy(77.8514, 0.4335, 0.3521)
contains.

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Color

Yxy(63.6044, 0.3829, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4A9
RGB	255, 196, 169
RGB Percent	100%, 77%, 66%
CMY	0.0000, 0.2314, 0.3373
CMYK	0.00, 0.23, 0.34, 0.00
HSL	19°, 100%, 83%
HSV	19°, 34%, 100%
XYZ	68.1425, 63.6044, 46.2173
YIQ	210.5630, 43.8310, 4.1110

Conversions

Conversions Part 2

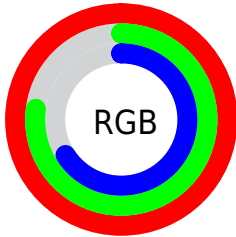
Format	Color
R _Y B	255, 208, 169
Decimal	16762025
CIE Lab	83.76, 17.51, 21.69
CIE LCh	84, 27.875, 51.095
Yxy	63.6044, 0.3829, 0.3574
Android (android.graphics.Color)	4294952105 (0xFFFFC4A9)
YUV	210.5630, -20.4906, 38.9712
Hunter-Lab	79.7524, 12.9484, 21.4675

Details

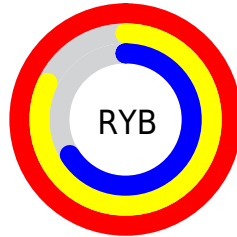
The Yxy color **63.6044, 0.3829, 0.3574** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.1348, 0.2608, 0.2984**, and the grayscale version is **64.9544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8924, 0.3312, 0.3573**, and **32.5007, 0.4007, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **55.3034, 0.4119, 0.3659**, and if you desaturate by 10%, it is **73.0156, 0.3579, 0.3486**.

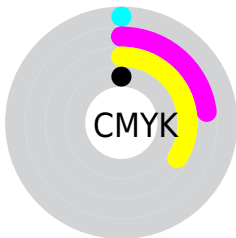
Distribution



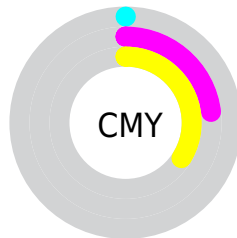
- Red (100%)
- Green (77%)
- Blue (66%)



- Red (100%)
- Yellow (82%)
- Blue (66%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (0%)




- Cyan (0%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6044, 0.3829, 0.3574 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 63.6044, 0.3829, 0.3574 by changing the saturation by 10% instead.


 63.6044, 0.3829,
0.3574

 63.6044, 0.3829,
0.3574

437.7597, 0.3494,
0.3449

 46.3303, 0.3908,
0.3600


 110.0410, 0.3711,
0.3532

 32.5066, 0.4006,
0.3631


139.9723, 0.3665,
0.3516

 21.7487, 0.4132,
0.3669

174.8916, 0.3626,
0.3501

 13.6724, 0.4298,
0.3713

215.1831, 0.3593,
0.3488

 7.8932, 0.4527,
0.3764

261.2312, 0.3563,
0.3477

 4.0267, 0.4856,
0.3816

313.4204, 0.3537,

 1.6885, 0.5627,

0.3467

0.4034


372.1351, 0.3514,
0.3458


 0.4162, 0.6641,
0.3359


 0.0000, 0.0000,
0.0000


 63.6044, 0.3829,
0.3574

 63.6044, 0.3829,
0.3574


 55.3034, 0.4119,
0.3659

 73.0156, 0.3579,
0.3486

 48.0651, 0.4448,
0.3734

 83.5717, 0.3366,
0.3400

 41.8458, 0.4807,
0.3788

 95.3123, 0.3187,
0.3319

 36.5967, 0.5175,
0.3809

100.0000, 0.3127,
0.3290

■ 32.2644, 0.5523,
0.3786

■ 28.7890, 0.5814,
0.3713

■ 27.0098, 0.5960,
0.3649

Harmonies

Analogous

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



63.6044, 0.3725, 0.3286



63.6044, 0.3829, 0.3574



63.6044, 0.3732, 0.3810

Triad

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



63.6044, 0.3829, 0.3574



63.6044, 0.2795, 0.3587



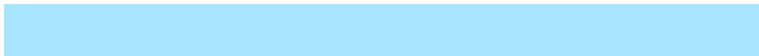
63.6044, 0.2768, 0.2718

Complementary

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



63.6044, 0.3829, 0.3574



71.1348, 0.2608, 0.2984

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.



63.6044, 0.2546, 0.2761



63.6044, 0.3829, 0.3574



63.6044, 0.2560, 0.3248

Square

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



63.6044, 0.3829, 0.3574



63.6044, 0.3126, 0.3842



63.6044, 0.2472, 0.2946



63.6044, 0.3096, 0.2811

Rectangle

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



63.6044, 0.3829, 0.3574



63.6044, 0.3571, 0.3902



63.6044, 0.2472, 0.2946



63.6044, 0.2679, 0.2716

Sweetspot

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



63.6061, 0.3829, 0.3574



87.8084, 0.3296, 0.3369



55.3016, 0.3376, 0.2682



18.4486, 0.3322, 0.3381



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.



63.6061, 0.3829, 0.3574



58.2721, 0.4006, 0.3628



85.1562, 0.3690, 0.3981



18.9178, 0.3286, 0.3365



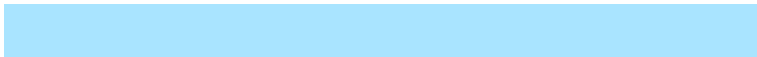
14.3472, 0.5931, 0.3673



1.5827, 0.5710, 0.3848

Inverse Universe

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



71.1348, 0.2608, 0.2984



66.7495, 0.2516, 0.2918



50.8541, 0.2543, 0.2486



19.4625, 0.2980, 0.3214



20.0552, 0.1952, 0.2228



2.1485, 0.1990, 0.2364

Previews

White Background



This preview shows how the Yxy color 63.6044, 0.3829, 0.3574 looks on a white background.

Color Contrast Check

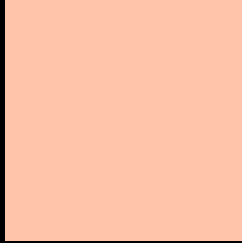
Large Text (above 18pt) WCAG AA × Fail

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 63.6044, 0.3829, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

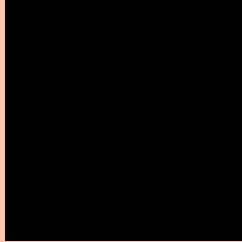
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.6044, 0.3829, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 63.6044, 0.3829, 0.3574.



This preview shows how white text looks on a background with the Yxy color 63.6044, 0.3829, 0.3574.

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

63.6044, 0.3829, 0.3574

Protanopia

64.0682, 0.3465, 0.3679

Deuteranopia

63.6551, 0.3721, 0.3648



Tritanopia

63.4155, 0.3535, 0.3147

Trichromacy



Original Color

63.6044, 0.3829, 0.3574

Protanomaly

63.5265, 0.3590, 0.3635

Deuteranomaly

63.4482, 0.3760, 0.3623

Tritanomaly

63.2502, 0.3639, 0.3292

Monochromacy



Original Color

63.6044, 0.3829, 0.3574

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4590, 0.3363, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6044, 0.3829, 0.3574 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, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 169)  
}
```

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, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 169) }
```

Border

The CSS property to change the border of an element to Yxy 63.6044, 0.3829, 0.3574 is called "border". The border property can be set on classes, ids or directly on the HTML element.

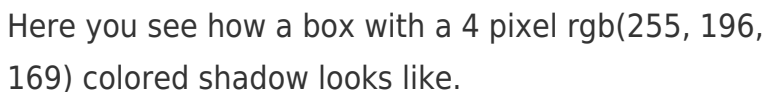
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 196, 169) }
```

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

```
.border{ border-color:rgb(255, 196, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6044, 0.3829, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 169) }
```

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

```
.background{ background-color: rgb(255,  
196, 169) }
```

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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