

Converting Colors

$Yxy(65.9103, 0.3810, 0.3623)$

Have a look what the booklet for
Yxy(65.9103, 0.3810, 0.3623)
contains.

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Color

Yxy(65.8979, 0.3811, 0.3625)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---|
| Hex | FFC9A9 |
| RGB | 255, 201, 169 |
| RGB Percent | 100%, 79%, 66% |
| CMY | 0.0001, 0.2117, 0.3372 |
| CMYK | 0.00, 0.21, 0.34, 0.00 |
| HSL | 22°, 100%, 83% |
| HSV | 22°, 34%, 100% |
| XYZ | 69.2791, 65.8979, 46.6103 |
| YIQ | 213.4980, 42.4560, 1.4960 |

Conversions

Conversions Part 2

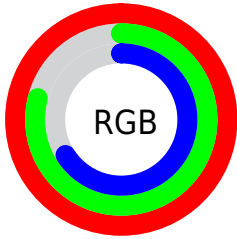
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 220, 169 |
| Decimal | 16763305 |
| CIE Lab | 84.94, 14.87, 23.31 |
| CIE LCh | 85, 27.651, 57.460 |
| Yxy | 65.8979, 0.3811, 0.3625 |
| Android (android.graphics.Color) | 4294953385 (0xFFFFC9A9) |
| YUV | 213.4980, -21.9375, 36.3973 |
| Hunter-Lab | 81.1775, 10.2762, 22.7813 |

Details

The Yxy color **65.8979, 0.3811, 0.3625** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.4069, 0.2600, 0.2926**, and the grayscale version is **67.0199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **34.0221, 0.3979, 0.3692** is the 20% darker color. If you saturate the color by 10%, you get **57.9576, 0.4087, 0.3726**, and if you desaturate by 10%, it is **74.8083, 0.3570, 0.3522**.

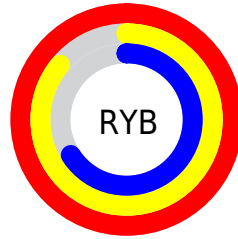
Distribution



Red (100%)

Green (79%)

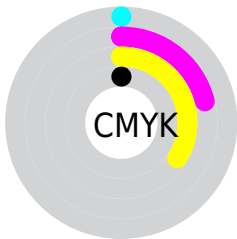
Blue (66%)



Red (100%)

Yellow (86%)

Blue (66%)

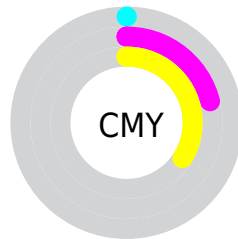


Cyan (0%)

Magenta (21%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8979, 0.3811, 0.3625 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 65.8979, 0.3811, 0.3625 by changing the saturation by 10% instead.

 65.8979, 0.3811,
0.3625

 65.8979, 0.3811,
0.3625

446.0116, 0.3487,
0.3476

 48.1895, 0.3886,
0.3657


 113.3398, 0.3697,
0.3575

 33.9770, 0.3980,
0.3695


143.8421, 0.3653,
0.3555

 22.8759, 0.4100,
0.3741


179.3778, 0.3616,
0.3538

 14.5019, 0.4256,
0.3796

220.3313, 0.3583,
0.3523

 8.4706, 0.4469,
0.3863

267.0871, 0.3554,
0.3509

 4.3975, 0.4772,
0.3939

320.0295, 0.3529,

 1.8983, 0.5448,

0.3497

0.4174

379.5429, 0.3507,
0.3486

0.5474, 0.6176,
0.3824

0.0000, 0.0000,
0.0000

65.8979, 0.3811,
0.3625

65.8979, 0.3811,
0.3625

57.9576, 0.4087,
0.3726

74.8083, 0.3570,
0.3522

50.9437, 0.4396,
0.3815

84.7123, 0.3363,
0.3420

44.8223, 0.4728,
0.3883

95.6440, 0.3186,
0.3324

39.5536, 0.5068,
0.3916

99.9932, 0.3127,
0.3290

■ 35.0943, 0.5390,
0.3902

■ 31.3956, 0.5664,
0.3835

■ 29.4276, 0.5807,
0.3771

Harmonies

Analogous

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



65.8979, 0.3751, 0.3348



65.8979, 0.3811, 0.3625



65.8979, 0.3677, 0.3836

Triad

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



65.8979, 0.3811, 0.3625



65.8979, 0.2742, 0.3513



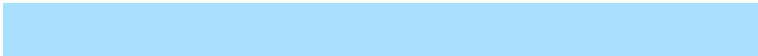
65.8979, 0.2837, 0.2737

Complementary

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



65.8979, 0.3811, 0.3625



68.4069, 0.2600, 0.2926

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.



65.8979, 0.2592, 0.2750



65.8979, 0.3811, 0.3625



65.8979, 0.2539, 0.3180

Square

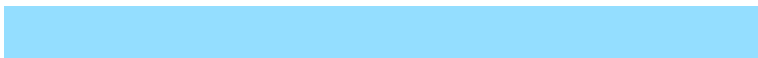
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.8979, 0.3811, 0.3625



65.8979, 0.3054, 0.3790



65.8979, 0.2486, 0.2904



65.8979, 0.3172, 0.2854

Rectangle

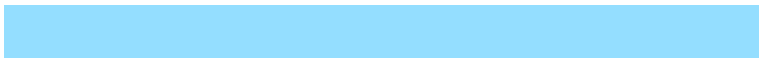
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.8979, 0.3811, 0.3625



65.8979, 0.3501, 0.3903



65.8979, 0.2486, 0.2904



65.8979, 0.2742, 0.2726

Sweetspot

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



65.9010, 0.3811, 0.3625



88.6756, 0.3294, 0.3384



54.9862, 0.3424, 0.2737



18.6576, 0.3320, 0.3398



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.



65.9010, 0.3811, 0.3625



60.8141, 0.3980, 0.3689



88.5215, 0.3672, 0.4033



19.0950, 0.3285, 0.3379



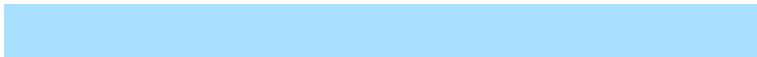
15.6431, 0.5777, 0.3795



1.7242, 0.5563, 0.3965

Inverse Universe

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



68.4069, 0.2600, 0.2926



63.6267, 0.2505, 0.2846



48.4884, 0.2534, 0.2417



19.2778, 0.2979, 0.3199



17.2132, 0.1894, 0.2019



1.8856, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 65.8979, 0.3811, 0.3625 looks on a white background.

Color Contrast Check

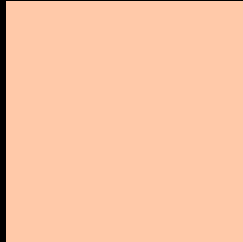
Large Text (above 18pt) WCAG AA × Fail

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 65.8979, 0.3811, 0.3625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

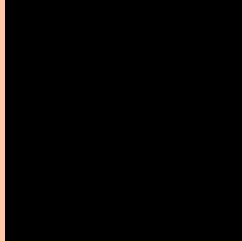
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8979, 0.3811, 0.3625

Background



This preview shows how black text looks on a background with the Yxy color 65.8979, 0.3811, 0.3625.

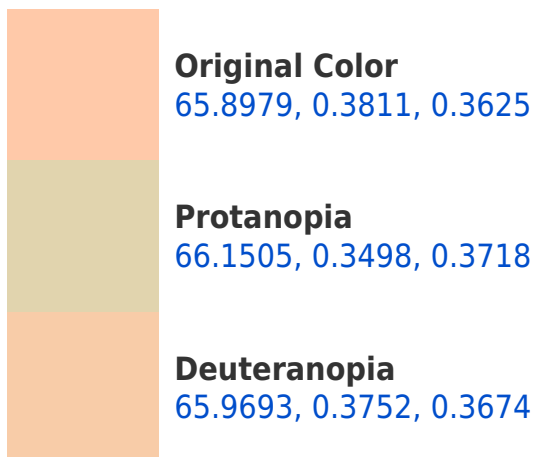


This preview shows how white text looks on a background with the Yxy color 65.8979, 0.3811, 0.3625.

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





Tritanopia

65.8456, 0.3493, 0.3158

Trichromacy



Original Color

65.8979, 0.3811, 0.3625

Protanomaly

65.9232, 0.3611, 0.3686

Deuteranomaly

66.0483, 0.3780, 0.3660

Tritanomaly

65.5883, 0.3611, 0.3323

Monochromacy



Original Color

65.8979, 0.3811, 0.3625

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

66.3362, 0.3359, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8979, 0.3811, 0.3625 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, 201, 169)` looks like.

```
.text, #text, p{  
  color:rgb(255, 201, 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, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 169) }
```

Border

The CSS property to change the border of an element to Yxy 65.8979, 0.3811, 0.3625 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, 201, 169) }
```

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

```
.border{ border-color:rgb(255, 201, 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, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8979, 0.3811, 0.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 169) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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