

Converting Colors

$Y_{xy}(52.2958, 0.4084, 0.3608)$

Have a look what the booklet for
Yxy(52.2958, 0.4084, 0.3608)
contains.

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Color

Yxy(52.4255, 0.4084, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	F9AE90
RGB	249, 174, 144
RGB Percent	98%, 68%, 56%
CMY	0.0235, 0.3177, 0.4352
CMYK	0.00, 0.30, 0.42, 0.02
HSL	17°, 90%, 77%
HSV	17°, 42%, 98%
XYZ	59.2434, 52.4255, 33.3933
YIQ	193.0050, 54.3300, 6.5700

Conversions

Conversions Part 2

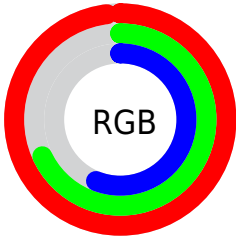
Format	Color
RYB	249, 186, 144
Decimal	16363152
CIELab	77.53, 23.94, 26.39
CIELCh	78, 35.633, 47.788
Yxy	52.4255, 0.4084, 0.3614
Android (android.graphics.Color)	4294553232 (0xFFFF9AE90)
YUV	193.0050, -24.1595, 49.1076
Hunter-Lab	72.4055, 19.3423, 23.3393

Details

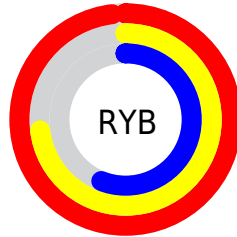
The Yxy color **52.4255, 0.4084, 0.3614** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.4621, 0.2493, 0.2932**, and the grayscale version is **53.4552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9308, 0.3517, 0.3614**, and **25.4122, 0.4346, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **45.3227, 0.4416, 0.3684**, and if you desaturate by 10%, it is **60.6121, 0.3794, 0.3536**.

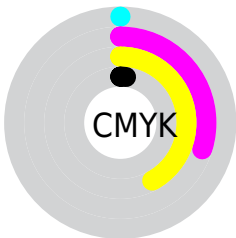
Distribution



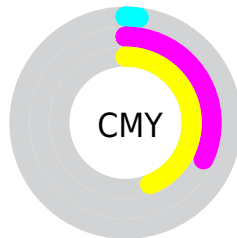
- Red (98%)
- Green (68%)
- Blue (56%)



- Red (98%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (42%)
- Black (2%)





- Cyan (2%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4255, 0.4084, 0.3614 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 52.4255, 0.4084, 0.3614 by changing the saturation by 10% instead.


 52.4255, 0.4084,
0.3614


 52.4255, 0.4084,
0.3614


396.0771, 0.3612,
0.3475

 37.3443, 0.4198,
0.3641


 93.7585, 0.3915,
0.3569

 25.4742, 0.4343,
0.3672


 120.7791, 0.3850,
0.3550

 16.4307, 0.4529,
0.3706


152.5483, 0.3796,
0.3534

 9.8294, 0.4779,
0.3739

189.4504, 0.3749,
0.3519

 5.2860, 0.5124,
0.3760

231.8700, 0.3708,
0.3506

 2.4160, 0.5753,
0.3822

280.1914, 0.3672,

 0.8341, 0.6425,

0.3495

0.3575

334.7990, 0.3640,
0.3484

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4255, 0.4084,
0.3614

52.4255, 0.4084,
0.3614

45.3227, 0.4416,
0.3684

60.6121, 0.3794,
0.3536

39.2494, 0.4783,
0.3736

69.9186, 0.3546,
0.3456

34.1578, 0.5164,
0.3757

80.3888, 0.3337,
0.3378

29.9927, 0.5530,
0.3738

92.0616, 0.3161,
0.3305

■ 26.6928, 0.5839,
0.3672

■ 98.8830, 0.3090,
0.3290

■ 24.6592, 0.6027,
0.3596

Harmonies

Analogous

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



52.4255, 0.3915, 0.3232



52.4255, 0.4084, 0.3614



52.4255, 0.3972, 0.3953

Triad

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



52.4255, 0.4084, 0.3614



52.4255, 0.2717, 0.3748



52.4255, 0.2600, 0.2525

Complementary

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



52.4255, 0.4084, 0.3614



63.4621, 0.2493, 0.2932

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.



52.4255, 0.2329, 0.2594



52.4255, 0.4084, 0.3614



52.4255, 0.2390, 0.3274

Square

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



52.4255, 0.4084, 0.3614



52.4255, 0.3169, 0.4085



52.4255, 0.2256, 0.2852



52.4255, 0.3026, 0.2632

Rectangle

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



52.4255, 0.4084, 0.3614



52.4255, 0.3764, 0.4106



52.4255, 0.2256, 0.2852



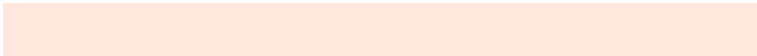
52.4255, 0.2489, 0.2527

Sweetspot

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



52.4280, 0.4084, 0.3614



83.8525, 0.3353, 0.3385



45.2271, 0.3442, 0.2516



17.4072, 0.3397, 0.3402



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.



52.4280, 0.4084, 0.3614



48.6048, 0.4378, 0.3677



76.6972, 0.3848, 0.4134



18.0320, 0.3287, 0.3358



13.4059, 0.5999, 0.3619



1.4140, 0.5767, 0.3803

Inverse Universe

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



63.4621, 0.2493, 0.2932



61.6567, 0.2375, 0.2841



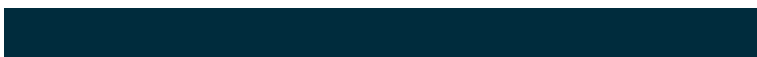
40.3283, 0.2383, 0.2267



18.7222, 0.2980, 0.3221



20.9443, 0.1981, 0.2332



2.1205, 0.2017, 0.2460

Previews

White Background



This preview shows how the Yxy color 52.4255, 0.4084, 0.3614 looks on a white background.

Color Contrast Check

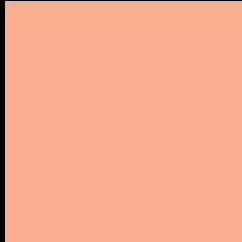
Large Text (above 18pt) WCAG AA × Fail

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 52.4255, 0.4084, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

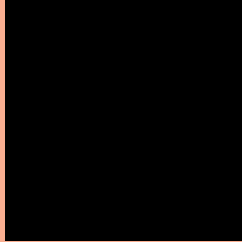
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4255, 0.4084, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 52.4255, 0.4084, 0.3614.



This preview shows how white text looks on a background with the Yxy color 52.4255, 0.4084, 0.3614.

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

52.4255, 0.4084, 0.3614

Protanopia

52.8036, 0.3542, 0.3785

Deuteranopia

52.5649, 0.3859, 0.3777



Tritanopia

52.4488, 0.3775, 0.3154

Trichromacy



Original Color

52.4255, 0.4084, 0.3614

Protanomaly

52.0835, 0.3732, 0.3718

Deuteranomaly

52.2879, 0.3940, 0.3709

Tritanomaly

52.4622, 0.3892, 0.3324

Monochromacy



Original Color

52.4255, 0.4084, 0.3614

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3591, 0.3447, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4255, 0.4084, 0.3614 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(249, 174, 144)` looks like.

```
.text, #text, p{  
    color:rgb(249, 174, 144)  
}
```

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(249, 174, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 174, 144) }
```

Border

The CSS property to change the border of an element to Yxy 52.4255, 0.4084, 0.3614 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(249, 174, 144) }
```

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

```
.border{ border-color:rgb(249, 174, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 174, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 174, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 174, 144);  
box-shadow:4px 4px 4px 4px rgb(249, 174,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4255, 0.4084, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 174, 144) }
```

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

```
.background{ background-color: rgb(249,  
174, 144) }
```

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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