

Converting Colors

$Y_{xy}(43.1023, 0.4324, 0.3541)$

Have a look what the booklet for
Yxy(43.1023, 0.4324, 0.3541)
contains.

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Color

Yxy(43.1042, 0.4324, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	F59780
RGB	245, 151, 128
RGB Percent	96%, 59%, 50%
CMY	0.0392, 0.4078, 0.4980
CMYK	0.00, 0.38, 0.48, 0.04
HSL	12°, 85%, 73%
HSV	12°, 48%, 96%
XYZ	52.6207, 43.1042, 25.9696
YIQ	176.4840, 63.4070, 12.7750

Conversions

Conversions Part 2

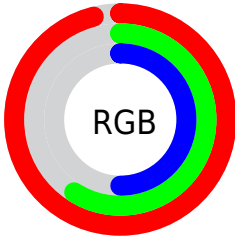
Format	Color
R_{YB}	245, 157, 128
Decimal	16095104
CIE _{Lab}	71.63, 32.86, 27.05
CIE _{LCh}	72, 42.562, 39.456
Yxy	43.1042, 0.4324, 0.3542
Android (android.graphics.Color)	4294285184 (0xFFFF59780)
YUV	176.4840, -23.9026, 60.0885
Hunter-Lab	65.6538, 28.1714, 22.5053

Details

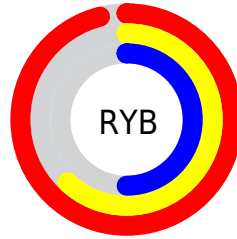
The Yxy color **43.1042, 0.4324, 0.3542** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.4283, 0.2443, 0.3008**, and the grayscale version is **43.7859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7388, 0.3701, 0.3551**, and **19.8025, 0.4660, 0.3566** is the 20% darker color. If you saturate the color by 10%, you get **36.7213, 0.4710, 0.3582**, and if you desaturate by 10%, it is **50.7050, 0.3985, 0.3491**.

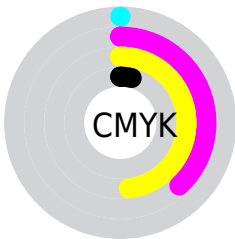
Distribution



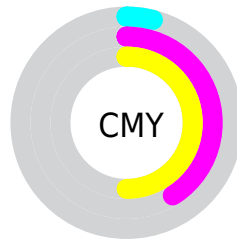
- Red (96%)
- Green (59%)
- Blue (50%)



- Red (96%)
- Yellow (62%)
- Blue (50%)



- Cyan (0%)
- Magenta (38%)
- Yellow (48%)
- Black (4%)





- Cyan (4%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1042, 0.4324, 0.3542 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 43.1042, 0.4324, 0.3542 by changing the saturation by 10% instead.


 43.1042, 0.4324,
0.3542


 43.1042, 0.4324,
0.3542


359.0401, 0.3714,
0.3444


 29.9669, 0.4477,
0.3556


 79.8681, 0.4101,
0.3514

 19.8135, 0.4672,
0.3568


 104.2634, 0.4018,
0.3501

 12.2595, 0.4929,
0.3572


 133.1802, 0.3947,
0.3489

 6.9207, 0.5277,
0.3556

167.0029, 0.3887,
0.3479

 3.4125, 0.5775,
0.3493

206.1158, 0.3835,
0.3469

 1.3507, 0.6638,
0.3362

250.9034, 0.3789,

 0.1800, 0.8449,

0.3460

0.1551

301.7501, 0.3749,
0.3452

0.0000, 0.0000,
0.0000

43.1042, 0.4324,
0.3542

43.1042, 0.4324,
0.3542

36.7213, 0.4710,
0.3582

50.7050, 0.3985,
0.3491

31.4858, 0.5127,
0.3602

59.5763, 0.3696,
0.3436

27.3302, 0.5540,
0.3592

69.7755, 0.3456,
0.3381


24.1763, 0.5900,
0.3546

81.3544, 0.3257,
0.3328

21.9337, 0.6160,
0.3470

94.3621, 0.3093,
0.3279

 21.5406, 0.6207,
0.3453

 98.1535, 0.3066,
0.3290

Harmonies

Analogous

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



43.1042, 0.4014, 0.3078



43.1042, 0.4324, 0.3542



43.1042, 0.4267, 0.3996

Triad

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



43.1042, 0.4324, 0.3542



43.1042, 0.2746, 0.4037



43.1042, 0.2348, 0.2338

Complementary

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



43.1042, 0.4324, 0.3542



63.4283, 0.2443, 0.3008

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.



43.1042, 0.2084, 0.2475



43.1042, 0.4324, 0.3542



43.1042, 0.2290, 0.3431

Square

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



43.1042, 0.4324, 0.3542



43.1042, 0.3333, 0.4382



43.1042, 0.2062, 0.2851



43.1042, 0.2829, 0.2419

Rectangle

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



43.1042, 0.4324, 0.3542



43.1042, 0.4045, 0.4243



43.1042, 0.2062, 0.2851



43.1042, 0.2234, 0.2358

Sweetspot

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



43.1064, 0.4324, 0.3542



80.9559, 0.3377, 0.3361



40.2106, 0.3381, 0.2313



16.7578, 0.3422, 0.3373



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.



43.1064, 0.4324, 0.3542



40.6188, 0.4685, 0.3580



66.0619, 0.4007, 0.4130



17.0098, 0.3289, 0.3337



11.7558, 0.6183, 0.3472



1.1708, 0.5956, 0.3653

Inverse Universe

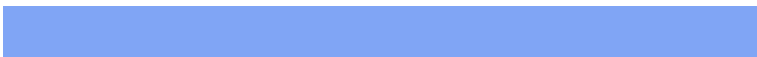
The Inverse Universe completely reimagines the original color for something new.



63.4283, 0.2443, 0.3008



65.1386, 0.2338, 0.2943



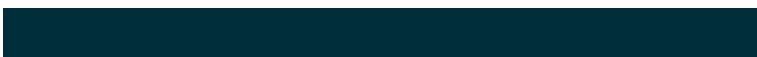
38.1124, 0.2303, 0.2260



18.1718, 0.2980, 0.3242



25.2235, 0.2069, 0.2647



2.3549, 0.2093, 0.2736

Previews

White Background



This preview shows how the Yxy color 43.1042, 0.4324, 0.3542 looks on a white background.

Color Contrast Check

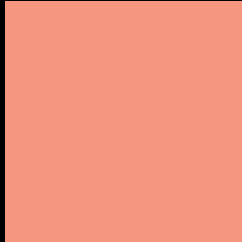
Large Text (above 18pt) WCAG AA × Fail

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 43.1042, 0.4324, 0.3542 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 43.1042, 0.4324, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 43.1042, 0.4324, 0.3542.



This preview shows how white text looks on a background with the Yxy color 43.1042, 0.4324, 0.3542.

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

43.1042, 0.4324, 0.3542

Protanopia

43.4795, 0.3542, 0.3786

Deuteranopia

43.0412, 0.3913, 0.3828



Tritanopia

43.1102, 0.4046, 0.3173

Trichromacy



Original Color

43.1042, 0.4324, 0.3542

Protanomaly

42.7966, 0.3816, 0.3694

Deuteranomaly

42.8766, 0.4062, 0.3721

Tritanomaly

42.8792, 0.4150, 0.3304

Monochromacy



Original Color

43.1042, 0.4324, 0.3542

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.5581, 0.3522, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1042, 0.4324, 0.3542 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(245, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(245, 151, 128)  
}
```

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(245, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 151, 128) }
```

Border

The CSS property to change the border of an element to Yxy 43.1042, 0.4324, 0.3542 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(245, 151, 128) }
```

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

```
.border{ border-color:rgb(245, 151, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(245, 151,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1042, 0.4324, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 151, 128) }
```

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

```
.background{ background-color: rgb(245,  
151, 128) }
```

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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