

Converting Colors

$Y_{xy}(49.0935, 0.4046, 0.3540)$

Have a look what the booklet for
Yxy(49.0935, 0.4046, 0.3540)
contains.

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Color

Yxy(49.1043, 0.4049, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	F3A891
RGB	243, 168, 145
RGB Percent	95%, 66%, 57%
CMY	0.0471, 0.3411, 0.4314
CMYK	0.00, 0.31, 0.40, 0.05
HSL	14°, 80%, 76%
HSV	14°, 40%, 95%
XYZ	56.0697, 49.1043, 33.3040
YIQ	187.8030, 52.0830, 8.7470

Conversions

Conversions Part 2

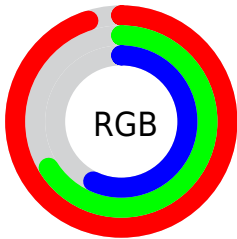
Format	Color
R _Y B	243, 175, 145
Decimal	15968401
CIE Lab	75.52, 24.87, 23.03
CIE LCh	76, 33.900, 42.798
Yxy	49.1043, 0.4049, 0.3546
Android (android.graphics.Color)	4294158481 (0xFFFF3A891)
YUV	187.8030, -21.1019, 48.4078
Hunter-Lab	70.0745, 20.1956, 20.8736

Details

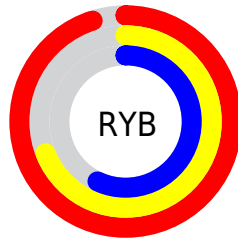
The Yxy color **49.1043, 0.4049, 0.3546** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6475, 0.2528, 0.3012**, and the grayscale version is **50.2723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6948, 0.3523, 0.3545**, and **23.3839, 0.4321, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **42.0552, 0.4389, 0.3605**, and if you desaturate by 10%, it is **57.2994, 0.3756, 0.3481**.

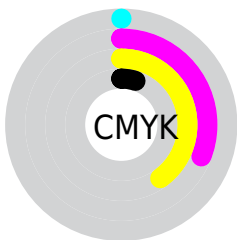
Distribution



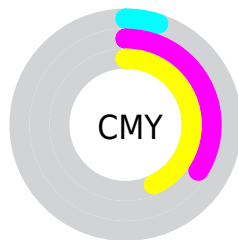
- Red (95%)
- Green (66%)
- Blue (57%)



- Red (95%)
- Yellow (69%)
- Blue (57%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1043, 0.4049, 0.3546 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 49.1043, 0.4049, 0.3546 by changing the saturation by 10% instead.


 49.1043, 0.4049,
0.3546


 49.1043, 0.4049,
0.3546


383.1528, 0.3588,
0.3437

 34.7022, 0.4163,
0.3567


 88.8463, 0.3882,
0.3511

 23.4336, 0.4307,
0.3590


 114.9551, 0.3819,
0.3496

 14.9140, 0.4497,
0.3615


145.7349, 0.3766,
0.3483

 8.7590, 0.4754,
0.3637

181.5701, 0.3720,
0.3472

 4.5844, 0.5118,
0.3644

222.8450, 0.3681,
0.3462

 2.0055, 0.5822,
0.3699

269.9442, 0.3646,

 0.6107, 0.6695,

0.3453

0.3305

323.2520, 0.3615,
0.3444

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.1043, 0.4049,
0.3546

49.1043, 0.4049,
0.3546

42.0552, 0.4389,
0.3605

57.2994, 0.3756,
0.3481

36.0934, 0.4770,
0.3649

66.6818, 0.3509,
0.3415

31.1652, 0.5173,
0.3668

77.2992, 0.3303,
0.3351

27.2095, 0.5564,
0.3652

89.1949, 0.3132,
0.3292

■ 24.1583, 0.5898,
0.3595

■ 97.7913, 0.3053,
0.3290

■ 21.9884, 0.6135,
0.3511

Harmonies

Analogous

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



49.1043, 0.3841, 0.3174



49.1043, 0.4049, 0.3546



49.1043, 0.3985, 0.3889

Triad

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



49.1043, 0.4049, 0.3546



49.1043, 0.2796, 0.3803



49.1043, 0.2558, 0.2543

Complementary

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



49.1043, 0.4049, 0.3546



63.6475, 0.2528, 0.3012

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.



49.1043, 0.2324, 0.2641



49.1043, 0.4049, 0.3546



49.1043, 0.2451, 0.3353

Square

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



49.1043, 0.4049, 0.3546



49.1043, 0.3246, 0.4091



49.1043, 0.2286, 0.2924



49.1043, 0.2953, 0.2620

Rectangle

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



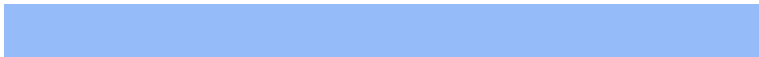
49.1043, 0.4049, 0.3546



49.1043, 0.3806, 0.4055



49.1043, 0.2286, 0.2924



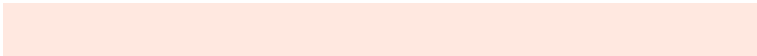
49.1043, 0.2459, 0.2555

Sweetspot

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



49.1067, 0.4049, 0.3546



84.1474, 0.3336, 0.3362



44.4707, 0.3377, 0.2503



17.6685, 0.3361, 0.3370



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.



49.1067, 0.4049, 0.3546



48.5611, 0.4310, 0.3593



70.6429, 0.3833, 0.4051



17.1146, 0.3288, 0.3346



12.2408, 0.6109, 0.3531



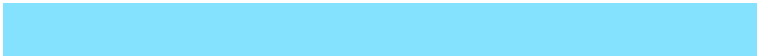
1.2275, 0.5871, 0.3720

Inverse Universe

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



63.6475, 0.2528, 0.3012



66.6928, 0.2428, 0.2948



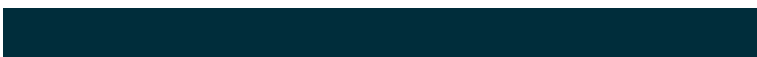
41.6581, 0.2429, 0.2385



18.0589, 0.2980, 0.3233



23.0162, 0.2031, 0.2512



2.1786, 0.2061, 0.2621

Previews

White Background



This preview shows how the Yxy color 49.1043, 0.4049, 0.3546 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 49.1043, 0.4049, 0.3546 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 49.1043, 0.4049, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 49.1043, 0.4049, 0.3546.



This preview shows how white text looks on a background with the Yxy color 49.1043, 0.4049, 0.3546.

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

49.1043, 0.4049, 0.3546

Protanopia

49.2880, 0.3488, 0.3711

Deuteranopia

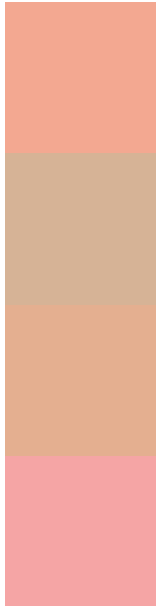
49.2834, 0.3798, 0.3722



Tritanopia

49.2783, 0.3793, 0.3162

Trichromacy



Original Color

49.1043, 0.4049, 0.3546

Protanomaly

48.7383, 0.3690, 0.3644

Deuteranomaly

49.1675, 0.3889, 0.3652

Tritanomaly

49.0394, 0.3887, 0.3292

Monochromacy



Original Color

49.1043, 0.4049, 0.3546

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.4362, 0.3439, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1043, 0.4049, 0.3546 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(243, 168, 145)` looks like.

```
.text, #text, p{  
  color:rgb(243, 168, 145)  
}
```

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(243, 168, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 168, 145) }
```

Border

The CSS property to change the border of an element to Yxy 49.1043, 0.4049, 0.3546 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(243, 168, 145) }
```

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

```
.border{ border-color:rgb(243, 168, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 168, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 168, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 168, 145);  
box-shadow:4px 4px 4px 4px rgb(243, 168,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1043, 0.4049, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 168, 145) }
```

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

```
.background{ background-color: rgb(243,  
168, 145) }
```

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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