

Converting Colors

$Yxy(49.8872, 0.4095, 0.3472)$

Have a look what the booklet for
Yxy(49.8872, 0.4095, 0.3472)
contains.

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Color

Yxy(49.9516, 0.4093, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	FBA695
RGB	251, 166, 149
RGB Percent	98%, 65%, 58%
CMY	0.0156, 0.3490, 0.4156
CMYK	0.00, 0.34, 0.41, 0.02
HSL	10°, 93%, 78%
HSV	10°, 41%, 98%
XYZ	58.8520, 49.9516, 34.9834
YIQ	189.4770, 56.1170, 12.7330

Conversions

Conversions Part 2

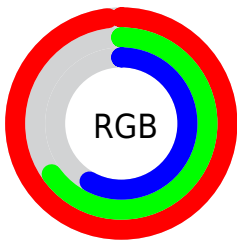
Format	Color
R _Y B	251, 169, 149
Decimal	16492181
CIE Lab	76.04, 29.44, 21.71
CIE LCh	76, 36.579, 36.400
Yxy	49.9516, 0.4093, 0.3474
Android (android.graphics.Color)	4294682261 (0xFFFB695)
YUV	189.4770, -19.9552, 53.9557
Hunter-Lab	70.6764, 24.9525, 20.1262

Details

The Yxy color **49.9516, 0.4093, 0.3474** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **72.2341, 0.2537, 0.3092**, and the grayscale version is **51.2712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8143, 0.3498, 0.3484**, and **23.8986, 0.4367, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **42.2380, 0.4457, 0.3515**, and if you desaturate by 10%, it is **59.0807, 0.3783, 0.3428**.

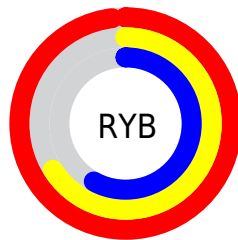
Distribution



Red (98%)

Green (65%)

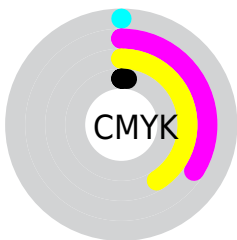
Blue (58%)



Red (98%)

Yellow (66%)

Blue (58%)

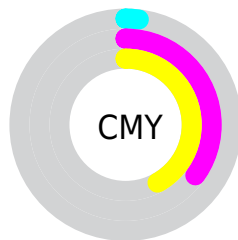


Cyan (0%)

Magenta (34%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9516, 0.4093, 0.3474 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 49.9516, 0.4093, 0.3474 by changing the saturation by 10% instead.


 49.9516, 0.4093,
0.3474


 49.9516, 0.4093,
0.3474


386.4766, 0.3611,
0.3402

 35.3749, 0.4212,
0.3486


 90.1032, 0.3919,
0.3452

 23.9518, 0.4362,
0.3497


 116.4469, 0.3853,
0.3443

 15.2979, 0.4560,
0.3507


147.4817, 0.3797,
0.3434

 9.0287, 0.4828,
0.3508

183.5920, 0.3750,
0.3426

 4.7599, 0.5207,
0.3487

225.1623, 0.3708,
0.3419

 2.1071, 0.5863,
0.3455

272.5769, 0.3672,

 0.6686, 0.6867,

0.3413

0.3133

326.2202, 0.3640,
0.3407

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.9516, 0.4093,
0.3474

49.9516, 0.4093,
0.3474

42.2380, 0.4457,
0.3515

59.0807, 0.3783,
0.3428

35.8615, 0.4867,
0.3543

69.6839, 0.3524,
0.3381

30.7473, 0.5300,
0.3551

81.8254, 0.3312,
0.3335

26.8101, 0.5712,
0.3530

95.5634, 0.3137,
0.3293

■ 23.9536, 0.6047,
0.3479

■ 99.2532, 0.3103,
0.3290

■ 22.1523, 0.6258,
0.3413

Harmonies

Analogous

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



49.9516, 0.3812, 0.3083



49.9516, 0.4093, 0.3474



49.9516, 0.4085, 0.3855

Triad

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



49.9516, 0.4093, 0.3474



49.9516, 0.2867, 0.3931



49.9516, 0.2449, 0.2499

Complementary

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



49.9516, 0.4093, 0.3474



72.2341, 0.2537, 0.3092

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.



49.9516, 0.2244, 0.2643



49.9516, 0.4093, 0.3474



49.9516, 0.2467, 0.3463

Square

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



49.9516, 0.4093, 0.3474



49.9516, 0.3358, 0.4182



49.9516, 0.2249, 0.2982



49.9516, 0.2838, 0.2545

Rectangle

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



49.9516, 0.4093, 0.3474



49.9516, 0.3925, 0.4058



49.9516, 0.2249, 0.2982



49.9516, 0.2358, 0.2525

Sweetspot

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



49.9540, 0.4093, 0.3474



82.9742, 0.3338, 0.3341



48.0560, 0.3304, 0.2419



17.3942, 0.3365, 0.3347



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.



49.9540, 0.4093, 0.3474



44.9539, 0.4396, 0.3509



71.4494, 0.3875, 0.3978



17.6916, 0.3290, 0.3330



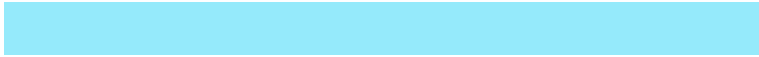
11.7811, 0.6236, 0.3431



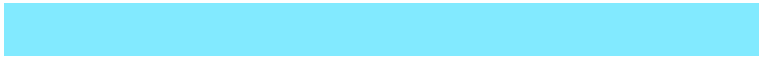
1.2195, 0.6032, 0.3593

Inverse Universe

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



72.2341, 0.2537, 0.3092



70.9366, 0.2436, 0.3045



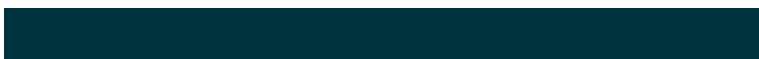
47.9407, 0.2439, 0.2483



19.0881, 0.2980, 0.3250



27.8790, 0.2097, 0.2750



2.7083, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 49.9516, 0.4093, 0.3474 looks on a white background.

Color Contrast Check

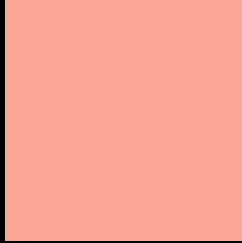
Large Text (above 18pt) WCAG AA × Fail

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 49.9516, 0.4093, 0.3474 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 49.9516, 0.4093, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 49.9516, 0.4093, 0.3474.



This preview shows how white text looks on a background with the Yxy color 49.9516, 0.4093, 0.3474.

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

49.9516, 0.4093, 0.3474

Protanopia

50.0496, 0.3445, 0.3644

Deuteranopia

49.9335, 0.3777, 0.3696



Tritanopia

49.7793, 0.3883, 0.3165

Trichromacy



Original Color

49.9516, 0.4093, 0.3474

Protanomaly

49.3585, 0.3674, 0.3580

Deuteranomaly

49.7555, 0.3889, 0.3614

Tritanomaly

49.6064, 0.3959, 0.3271

Monochromacy



Original Color

49.9516, 0.4093, 0.3474

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.1008, 0.3457, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9516, 0.4093, 0.3474 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(251, 166, 149)` looks like.

```
.text, #text, p{  
    color:rgb(251, 166, 149)  
}
```

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(251, 166, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 166, 149) }
```

Border

The CSS property to change the border of an element to Yxy 49.9516, 0.4093, 0.3474 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(251, 166, 149) }
```

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

```
.border{ border-color:rgb(251, 166, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 166, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 166, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 166, 149);  
box-shadow:4px 4px 4px 4px rgb(251, 166,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9516, 0.4093, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 166, 149) }
```

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

```
.background{ background-color: rgb(251,  
166, 149) }
```

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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