

Converting Colors

$Y_{xy}(48.9775, 0.4208, 0.3564)$

Have a look what the booklet for
Yxy(48.9775, 0.4208, 0.3564)
contains.

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Color

Yxy(48.8951, 0.4208, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	FBA48A
RGB	251, 164, 138
RGB Percent	98%, 64%, 54%
CMY	0.0157, 0.3569, 0.4587
CMYK	0.00, 0.35, 0.45, 0.02
HSL	14°, 93%, 76%
HSV	14°, 45%, 98%
XYZ	57.6494, 48.8951, 30.4550
YIQ	187.0490, 60.1980, 10.3580

Conversions

Conversions Part 2

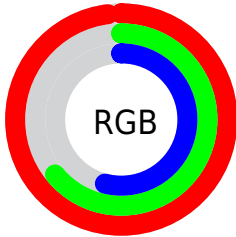
Format	Color
R _Y B	251, 172, 138
Decimal	16491658
CIE Lab	75.39, 29.34, 26.77
CIE LCh	75, 39.712, 42.376
Yxy	48.8951, 0.4208, 0.3569
Android (android.graphics.Color)	4294681738 (0xFFFBA48A)
YUV	187.0490, -24.1812, 56.0850
Hunter-Lab	69.9250, 24.7947, 23.1245

Details

The Yxy color **48.8951, 0.4208, 0.3569** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.2390, 0.2467, 0.2981**, and the grayscale version is **49.8393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2522, 0.3582, 0.3577**, and **23.2799, 0.4514, 0.3601** is the 20% darker color. If you saturate the color by 10%, you get **41.8514, 0.4571, 0.3621**, and if you desaturate by 10%, it is **57.1632, 0.3891, 0.3507**.

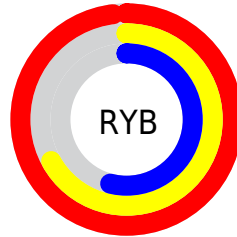
Distribution



Red (98%)

Green (64%)

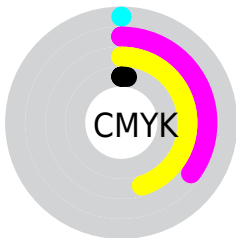
Blue (54%)



Red (98%)

Yellow (67%)

Blue (54%)

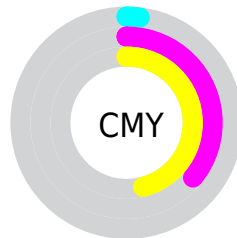


Cyan (0%)

Magenta (35%)

Yellow (45%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.8951, 0.4208, 0.3569 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 48.8951, 0.4208, 0.3569 by changing the saturation by 10% instead.


 48.8951, 0.4208,
0.3569


 48.8951, 0.4208,
0.3569


382.3292, 0.3668,
0.3455


 34.5363, 0.4340,
0.3589


 88.5356, 0.4013,
0.3534

 23.3059, 0.4508,
0.3609


 114.5861, 0.3939,
0.3519

 14.8195, 0.4726,
0.3627


 145.3026, 0.3877,
0.3506

 8.6928, 0.5019,
0.3636

181.0696, 0.3823,
0.3493

 4.5414, 0.5425,
0.3615

222.2713, 0.3777,
0.3482

 1.9808, 0.6313,
0.3687

269.2922, 0.3736,

 0.5963, 0.6959,

0.3473

0.3041

322.5167, 0.3700,
0.3464

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.8951, 0.4208,
0.3569

48.8951, 0.4208,
0.3569

41.8514, 0.4571,
0.3621

57.1632, 0.3891,
0.3507

35.9657, 0.4969,
0.3654

66.7033, 0.3621,
0.3443

31.1764, 0.5375,
0.3656

77.5693, 0.3396,
0.3379

27.4126, 0.5746,
0.3620

89.8099, 0.3209,
0.3319

■ 24.5941, 0.6037,
0.3545

■ 99.2500, 0.3102,
0.3290

■ 23.5063, 0.6148,
0.3501

Harmonies

Analogous

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



48.8951, 0.3960, 0.3143



48.8951, 0.4208, 0.3569



48.8951, 0.4131, 0.3972

Triad

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



48.8951, 0.4208, 0.3569



48.8951, 0.2742, 0.3906



48.8951, 0.2459, 0.2427

Complementary

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



48.8951, 0.4208, 0.3569



66.2390, 0.2467, 0.2981

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.



48.8951, 0.2196, 0.2536



48.8951, 0.4208, 0.3569



48.8951, 0.2344, 0.3365

Square

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



48.8951, 0.4208, 0.3569



48.8951, 0.3266, 0.4244



48.8951, 0.2155, 0.2860



48.8951, 0.2912, 0.2516

Rectangle

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



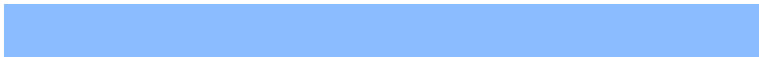
48.8951, 0.4208, 0.3569



48.8951, 0.3920, 0.4176



48.8951, 0.2155, 0.2860



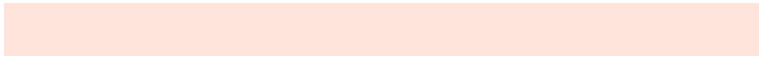
48.8951, 0.2348, 0.2440

Sweetspot

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



48.8975, 0.4208, 0.3569



81.6063, 0.3376, 0.3373



44.2156, 0.3398, 0.2397



16.9145, 0.3420, 0.3386



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.



48.8975, 0.4208, 0.3569



44.0325, 0.4535, 0.3617



73.0062, 0.3934, 0.4120



17.8725, 0.3288, 0.3345



12.5361, 0.6121, 0.3522



1.3144, 0.5897, 0.3700

Inverse Universe

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



66.2390, 0.2467, 0.2981



63.9820, 0.2358, 0.2907



41.1354, 0.2344, 0.2280



18.8922, 0.2980, 0.3234



24.0096, 0.2036, 0.2529



2.3826, 0.2064, 0.2631

Previews

White Background



This preview shows how the Yxy color 48.8951, 0.4208, 0.3569 looks on a white background.

Color Contrast Check

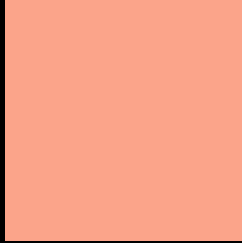
Large Text (above 18pt) WCAG AA × Fail

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 48.8951, 0.4208, 0.3569 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 48.8951, 0.4208, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 48.8951, 0.4208, 0.3569.



This preview shows how white text looks on a background with the Yxy color 48.8951, 0.4208, 0.3569.

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

48.8951, 0.4208, 0.3569

Protanopia

49.2617, 0.3538, 0.3774

Deuteranopia

48.8057, 0.3881, 0.3803



Tritanopia

48.8074, 0.3932, 0.3166

Trichromacy



Original Color

48.8951, 0.4208, 0.3569

Protanomaly

48.6061, 0.3774, 0.3701

Deuteranomaly

48.6536, 0.3998, 0.3716

Tritanomaly

48.8756, 0.4035, 0.3314

Monochromacy



Original Color

48.8951, 0.4208, 0.3569

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.8064, 0.3487, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8951, 0.4208, 0.3569 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, 164, 138)` looks like.

```
.text, #text, p{  
    color:rgb(251, 164, 138)  
}
```

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, 164, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 164, 138) }
```

Border

The CSS property to change the border of an element to Yxy 48.8951, 0.4208, 0.3569 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, 164, 138) }
```

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

```
.border{ border-color:rgb(251, 164, 138) }
```

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

Here you see how a box with a 4 pixel rgb(251, 164, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 164, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 164, 138);  
box-shadow:4px 4px 4px 4px rgb(251, 164,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8951, 0.4208, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 164, 138) }
```

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

```
.background{ background-color: rgb(251,  
164, 138) }
```

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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