

Converting Colors

$Yxy(53.6654, 0.4035, 0.3561)$

Have a look what the booklet for
Yxy(53.6654, 0.4035, 0.3561)
contains.

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Color

Yxy(53.7943, 0.4029, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	FBB097
RGB	251, 176, 151
RGB Percent	98%, 69%, 59%
CMY	0.0156, 0.3098, 0.4078
CMYK	0.00, 0.30, 0.40, 0.02
HSL	15°, 93%, 79%
HSV	15°, 40%, 98%
XYZ	60.8984, 53.7943, 36.4574
YIQ	195.5750, 52.7250, 8.1250

Conversions

Conversions Part 2

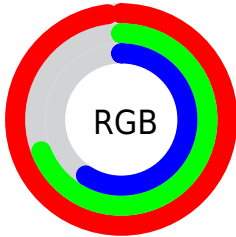
Format	Color
R _Y B	251, 184, 151
Decimal	16494743
CIE Lab	78.34, 24.40, 23.78
CIE LCh	78, 34.072, 44.257
Yxy	53.7943, 0.4029, 0.3559
Android (android.graphics.Color)	4294684823 (0xFFFB097)
YUV	195.5750, -21.9755, 48.6077
Hunter-Lab	73.3446, 19.8563, 21.8699

Details

The Yxy color **53.7943, 0.4029, 0.3559** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.9516, 0.2531, 0.2997**, and the grayscale version is **55.0468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3810, 0.3465, 0.3562**, and **26.2925, 0.4269, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **46.1874, 0.4363, 0.3622**, and if you desaturate by 10%, it is **62.6042, 0.3741, 0.3490**.

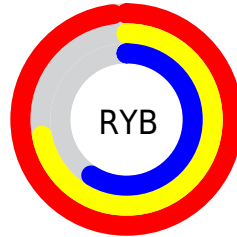
Distribution



Red (98%)

Green (69%)

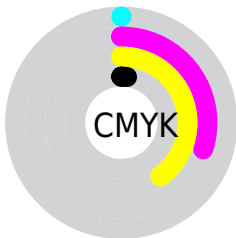
Blue (59%)



Red (98%)

Yellow (72%)

Blue (59%)

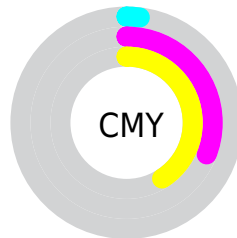


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7943, 0.4029, 0.3559 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 53.7943, 0.4029, 0.3559 by changing the saturation by 10% instead.


 53.7943, 0.4029,
0.3559


 53.7943, 0.4029,
0.3559


401.3251, 0.3585,
0.3445

 38.4372, 0.4136,
0.3581


 95.7722, 0.3870,
0.3522

 26.3222, 0.4272,
0.3606


 123.1617, 0.3810,
0.3507

 17.0648, 0.4448,
0.3634


155.3309, 0.3758,
0.3493

 10.2807, 0.4684,
0.3660

192.6642, 0.3714,
0.3481

 5.5855, 0.5013,
0.3678

235.5458, 0.3675,
0.3471

 2.5947, 0.5536,
0.3685

284.3602, 0.3642,

 0.9240, 0.6403,

0.3461

0.3597

339.4919, 0.3612,
0.3453

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7943, 0.4029,
0.3559

53.7943, 0.4029,
0.3559

46.1874, 0.4363,
0.3622

62.6042, 0.3741,
0.3490

39.7226, 0.4737,
0.3671

72.6588, 0.3498,
0.3420

34.3453, 0.5134,
0.3694

84.0075, 0.3294,
0.3352

29.9931, 0.5522,
0.3680

96.6946, 0.3125,
0.3289

■ 26.5964, 0.5856,
0.3624

■ 99.2510, 0.3103,
0.3290

■ 24.0700, 0.6104,
0.3534

■ 24.0352, 0.6107,
0.3533

Harmonies

Analogous

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



53.7943, 0.3838, 0.3195



53.7943, 0.4029, 0.3559



53.7943, 0.3955, 0.3890

Triad

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



53.7943, 0.4029, 0.3559



53.7943, 0.2785, 0.3771



53.7943, 0.2587, 0.2560

Complementary

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



53.7943, 0.4029, 0.3559



67.9516, 0.2531, 0.2997

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.



53.7943, 0.2349, 0.2648



53.7943, 0.4029, 0.3559



53.7943, 0.2455, 0.3330

Square

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



53.7943, 0.4029, 0.3559



53.7943, 0.3222, 0.4062



53.7943, 0.2302, 0.2916



53.7943, 0.2979, 0.2643

Rectangle

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



53.7943, 0.4029, 0.3559



53.7943, 0.3774, 0.4045



53.7943, 0.2302, 0.2916



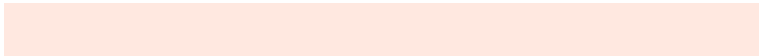
53.7943, 0.2488, 0.2569

Sweetspot

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



53.7969, 0.4029, 0.3559



84.4028, 0.3335, 0.3367



48.2324, 0.3374, 0.2511



17.7282, 0.3361, 0.3375



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.



53.7969, 0.4029, 0.3559



49.2025, 0.4300, 0.3612



76.2424, 0.3825, 0.4043



17.9298, 0.3288, 0.3350



12.8257, 0.6079, 0.3555



1.3484, 0.5851, 0.3736

Inverse Universe

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



67.9516, 0.2531, 0.2997



65.7088, 0.2424, 0.2926



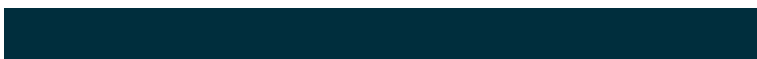
45.2599, 0.2437, 0.2396



18.8309, 0.2980, 0.3229



22.8729, 0.2016, 0.2459



2.2859, 0.2047, 0.2570

Previews

White Background



This preview shows how the Yxy color 53.7943, 0.4029, 0.3559 looks on a white background.

Color Contrast Check

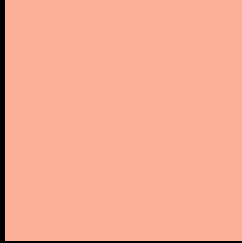
Large Text (above 18pt) WCAG AA × Fail

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 53.7943, 0.4029, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

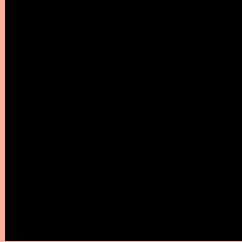
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7943, 0.4029, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 53.7943, 0.4029, 0.3559.



This preview shows how white text looks on a background with the Yxy color 53.7943, 0.4029, 0.3559.

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

53.7943, 0.4029, 0.3559

Protanopia

54.0659, 0.3490, 0.3720

Deuteranopia

53.7817, 0.3800, 0.3717



Tritanopia

53.6573, 0.3768, 0.3155

Trichromacy



Original Color

53.7943, 0.4029, 0.3559

Protanomaly

53.4705, 0.3684, 0.3655

Deuteranomaly

53.4908, 0.3879, 0.3651

Tritanomaly

53.7483, 0.3865, 0.3303

Monochromacy



Original Color

53.7943, 0.4029, 0.3559

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2894, 0.3426, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7943, 0.4029, 0.3559 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, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(251, 176, 151)  
}
```

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, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 176, 151) }
```

Border

The CSS property to change the border of an element to Yxy 53.7943, 0.4029, 0.3559 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, 176, 151) }
```

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

```
.border{ border-color:rgb(251, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(251, 176,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7943, 0.4029, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 176, 151) }
```

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

```
.background{ background-color: rgb(251,  
176, 151) }
```

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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