

Converting Colors

Yxy(54.9644, 0.4033, 0.3615)

Have a look what the booklet for
Yxy(54.9644, 0.4033, 0.3615)
contains.

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Color

Yxy(54.9194, 0.4033, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	FBB395
RGB	251, 179, 149
RGB Percent	98%, 70%, 58%
CMY	0.0158, 0.2980, 0.4156
CMYK	0.00, 0.29, 0.41, 0.02
HSL	18°, 93%, 78%
HSV	18°, 41%, 98%
XYZ	61.3206, 54.9194, 35.8071
YIQ	197.1080, 52.5420, 5.9340

Conversions

Conversions Part 2

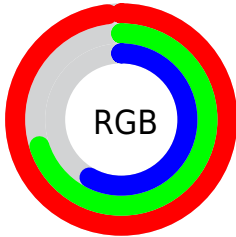
Format	Color
R _Y B	251, 192, 149
Decimal	16495509
CIE Lab	78.99, 22.58, 25.74
CIE LCh	79, 34.238, 48.734
Yxy	54.9194, 0.4033, 0.3612
Android (android.graphics.Color)	4294685589 (0xFFFBB395)
YUV	197.1080, -23.7172, 47.2633
Hunter-Lab	74.1076, 18.0120, 23.2278

Details

The Yxy color **54.9194, 0.4033, 0.3612** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.0451, 0.2512, 0.2936**, and the grayscale version is **56.0272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9885, 0.3473, 0.3612**, and **27.0100, 0.4271, 0.3673** is the 20% darker color. If you saturate the color by 10%, you get **47.5548, 0.4356, 0.3686**, and if you desaturate by 10%, it is **63.3738, 0.3751, 0.3531**.

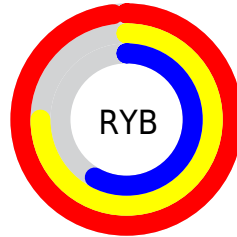
Distribution



Red (98%)

Green (70%)

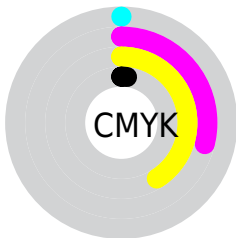
Blue (58%)



Red (98%)

Yellow (75%)

Blue (58%)

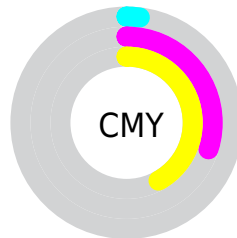


Cyan (0%)

Magenta (29%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (30%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9194, 0.4033, 0.3612 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 54.9194, 0.4033, 0.3612 by changing the saturation by 10% instead.


 54.9194, 0.4033,
0.3612


 54.9194, 0.4033,
0.3612


405.6063, 0.3589,
0.3473

 39.3372, 0.4140,
0.3640


 97.4229, 0.3875,
0.3566

 27.0221, 0.4274,
0.3672


 125.1129, 0.3814,
0.3548

 17.5899, 0.4447,
0.3708


157.6077, 0.3763,
0.3532

 10.6559, 0.4677,
0.3745

195.2916, 0.3718,
0.3517

 5.8360, 0.4996,
0.3777

238.5490, 0.3680,
0.3504

 2.7456, 0.5507,
0.3812

287.7643, 0.3646,

 1.0004, 0.6272,

0.3493

0.3728

343.3220, 0.3616,
0.3482

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9194, 0.4033,
0.3612

54.9194, 0.4033,
0.3612

47.5548, 0.4356,
0.3686

63.3738, 0.3751,
0.3531

41.2263, 0.4715,
0.3743

72.9529, 0.3511,
0.3449

35.8876, 0.5092,
0.3772

83.6997, 0.3307,
0.3369

31.4850, 0.5459,
0.3761

95.6526, 0.3137,
0.3294

■ 27.9591, 0.5777,
0.3702

■ 99.2431, 0.3102,
0.3290

■ 25.3829, 0.6007,
0.3612

Harmonies

Analogous

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



54.9194, 0.3880, 0.3248



54.9194, 0.4033, 0.3612



54.9194, 0.3921, 0.3929

Triad

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



54.9194, 0.4033, 0.3612



54.9194, 0.2727, 0.3709



54.9194, 0.2638, 0.2563

Complementary

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



54.9194, 0.4033, 0.3612



65.0451, 0.2512, 0.2936

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.



54.9194, 0.2375, 0.2625



54.9194, 0.4033, 0.3612



54.9194, 0.2421, 0.3262

Square

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



54.9194, 0.4033, 0.3612



54.9194, 0.3154, 0.4032



54.9194, 0.2298, 0.2866



54.9194, 0.3047, 0.2670

Rectangle

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



54.9194, 0.4033, 0.3612



54.9194, 0.3721, 0.4068



54.9194, 0.2298, 0.2866



54.9194, 0.2531, 0.2564

Sweetspot

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



54.9221, 0.4033, 0.3612



85.1718, 0.3334, 0.3380



47.2803, 0.3427, 0.2543



17.9082, 0.3359, 0.3390



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.



54.9221, 0.4033, 0.3612



50.4469, 0.4303, 0.3675



78.6441, 0.3820, 0.4105



18.0576, 0.3287, 0.3360



13.5644, 0.5978, 0.3636



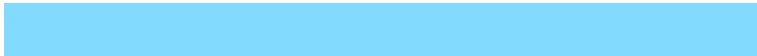
1.4315, 0.5746, 0.3820

Inverse Universe

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



65.0451, 0.2512, 0.2936



62.2287, 0.2398, 0.2848



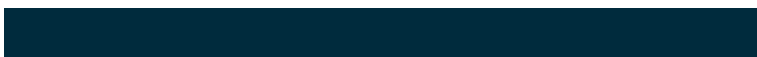
42.5185, 0.2412, 0.2311



18.6951, 0.2980, 0.3219



20.4801, 0.1972, 0.2300



2.0805, 0.2009, 0.2432

Previews

White Background



This preview shows how the Yxy color 54.9194, 0.4033, 0.3612 looks on a white background.

Color Contrast Check

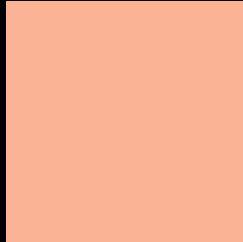
Large Text (above 18pt) WCAG AA × Fail

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 54.9194, 0.4033, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

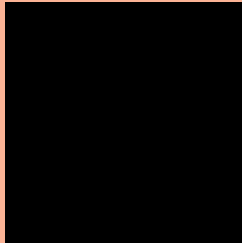
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9194, 0.4033, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 54.9194, 0.4033, 0.3612.



This preview shows how white text looks on a background with the Yxy color 54.9194, 0.4033, 0.3612.

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

54.9194, 0.4033, 0.3612

Protanopia

55.3241, 0.3526, 0.3763

Deuteranopia

55.0619, 0.3836, 0.3758



Tritanopia

54.9308, 0.3732, 0.3155

Trichromacy



Original Color

54.9194, 0.4033, 0.3612

Protanomaly

55.0073, 0.3708, 0.3710

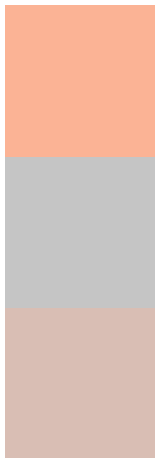
Deuteranomaly

55.0132, 0.3901, 0.3703

Tritanomaly

54.9504, 0.3846, 0.3324

Monochromacy



Original Color

54.9194, 0.4033, 0.3612

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8739, 0.3433, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9194, 0.4033, 0.3612 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, 179, 149)` looks like.

```
.text, #text, p{  
    color:rgb(251, 179, 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, 179, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 179, 149) }
```

Border

The CSS property to change the border of an element to Yxy 54.9194, 0.4033, 0.3612 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, 179, 149) }
```

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

```
.border{ border-color:rgb(251, 179, 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, 179, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 179, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 179, 149);  
box-shadow:4px 4px 4px 4px rgb(251, 179,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9194, 0.4033, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 179, 149) }
```

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

```
.background{ background-color: rgb(251,  
179, 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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