

Converting Colors

$Y_{xy}(54.3410, 0.4032, 0.3566)$

Have a look what the booklet for
Yxy(54.3410, 0.4032, 0.3566)
contains.

Yxy(54.3741, 0.4033, 0.3569)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3741, 0.4033, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	FCB197
RGB	252, 177, 151
RGB Percent	99%, 69%, 59%
CMY	0.0119, 0.3058, 0.4078
CMYK	0.00, 0.30, 0.40, 0.01
HSL	15°, 94%, 79%
HSV	15°, 40%, 99%
XYZ	61.4432, 54.3741, 36.5338
YIQ	196.4610, 53.0460, 7.8140

Conversions

Conversions Part 2

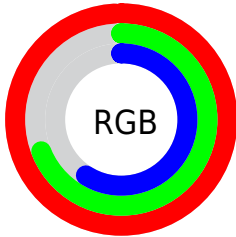
Format	Color
R _Y B	252, 186, 151
Decimal	16560535
CIE Lab	78.68, 24.23, 24.26
CIE LCh	79, 34.290, 45.041
Yxy	54.3741, 0.4033, 0.3569
Android (android.graphics.Color)	4294750615 (0xFFFCB197)
YUV	196.4610, -22.4123, 48.7077
Hunter-Lab	73.7388, 19.6931, 22.2420

Details

The Yxy color **54.3741, 0.4033, 0.3569** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.9649, 0.2526, 0.2986**, and the grayscale version is **55.6077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9456, 0.3464, 0.3572**, and **26.6729, 0.4273, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **46.7537, 0.4366, 0.3634**, and if you desaturate by 10%, it is **63.1872, 0.3746, 0.3498**.

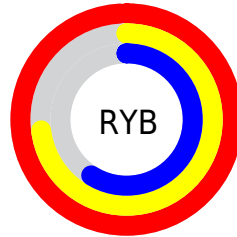
Distribution



Red (99%)

Green (69%)

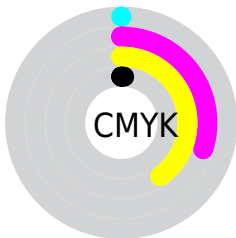
Blue (59%)



Red (99%)

Yellow (73%)

Blue (59%)

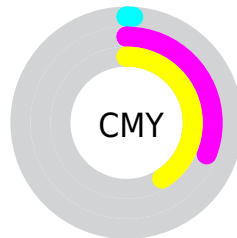


Cyan (0%)

Magenta (30%)

Yellow (40%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3741, 0.4033, 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 54.3741, 0.4033, 0.3569 by changing the saturation by 10% instead.


 54.3741, 0.4033,
0.3569


 54.3741, 0.4033,
0.3569


403.5350, 0.3588,
0.3450

 38.9008, 0.4140,
0.3592


 96.6233, 0.3874,
0.3531

 26.6826, 0.4276,
0.3618


 124.1680, 0.3813,
0.3515

 17.3350, 0.4451,
0.3647


156.5054, 0.3762,
0.3501

 10.4736, 0.4685,
0.3676

194.0197, 0.3717,
0.3488

 5.7141, 0.5012,
0.3695

237.0954, 0.3679,
0.3477

 2.6720, 0.5526,
0.3705

286.1170, 0.3645,

 0.9630, 0.6376,

0.3467

0.3624

341.4687, 0.3615,
0.3458

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3741, 0.4033,
0.3569

54.3741, 0.4033,
0.3569

46.7537, 0.4366,
0.3634

63.1872, 0.3746,
0.3498

40.2660, 0.4738,
0.3684

73.2339, 0.3502,
0.3425

34.8573, 0.5131,
0.3708

84.5630, 0.3298,
0.3356

30.4663, 0.5515,
0.3694

97.2179, 0.3128,
0.3290

■ 27.0246, 0.5846,
0.3637

99.4288, 0.3108,
0.3290

■ 24.4632, 0.6091,
0.3546

Harmonies

Analogous

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



54.3741, 0.3848, 0.3204



54.3741, 0.4033, 0.3569



54.3741, 0.3952, 0.3899

Triad

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



54.3741, 0.4033, 0.3569



54.3741, 0.2773, 0.3762



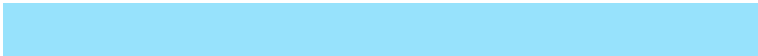
54.3741, 0.2594, 0.2558

Complementary

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



54.3741, 0.4033, 0.3569



67.9649, 0.2526, 0.2986

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.



54.3741, 0.2351, 0.2642



54.3741, 0.4033, 0.3569



54.3741, 0.2446, 0.3318

Square

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



54.3741, 0.4033, 0.3569



54.3741, 0.3211, 0.4060



54.3741, 0.2299, 0.2906



54.3741, 0.2991, 0.2646

Rectangle

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



54.3741, 0.4033, 0.3569



54.3741, 0.3767, 0.4052



54.3741, 0.2299, 0.2906



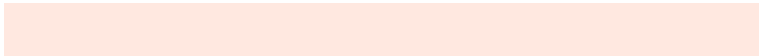
54.3741, 0.2493, 0.2566

Sweetspot

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



54.3767, 0.4033, 0.3569



84.5388, 0.3335, 0.3369



48.3523, 0.3391, 0.2522



17.7600, 0.3360, 0.3378



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.



54.3767, 0.4033, 0.3569



49.5470, 0.4294, 0.3622



77.7098, 0.3823, 0.4063



17.9524, 0.3288, 0.3352



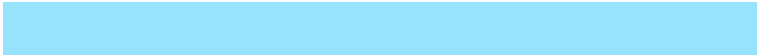
12.9471, 0.6062, 0.3568



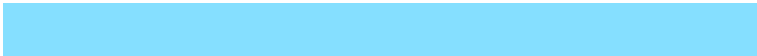
1.3624, 0.5833, 0.3751

Inverse Universe

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



67.9649, 0.2526, 0.2986



65.1902, 0.2422, 0.2914



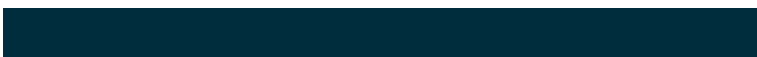
44.7501, 0.2429, 0.2369



18.8067, 0.2980, 0.3227



22.4350, 0.2009, 0.2431



2.2485, 0.2041, 0.2546

Previews

White Background



This preview shows how the Yxy color 54.3741, 0.4033, 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 54.3741, 0.4033, 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 54.3741, 0.4033, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 54.3741, 0.4033, 0.3569.



This preview shows how white text looks on a background with the Yxy color 54.3741, 0.4033, 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

54.3741, 0.4033, 0.3569

Protanopia

54.7988, 0.3505, 0.3729

Deuteranopia

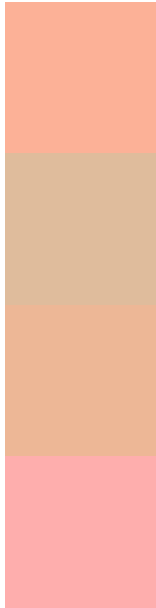
54.3686, 0.3805, 0.3727



Tritanopia

54.2678, 0.3765, 0.3156

Trichromacy



Original Color

54.3741, 0.4033, 0.3569

Protanomaly

54.0547, 0.3689, 0.3665

Deuteranomaly

54.0735, 0.3884, 0.3661

Tritanomaly

54.3601, 0.3861, 0.3303

Monochromacy



Original Color

54.3741, 0.4033, 0.3569

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 54.3741, 0.4033, 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(252, 177, 151)` looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 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(252, 177, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 151) }
```

Border

The CSS property to change the border of an element to Yxy 54.3741, 0.4033, 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(252, 177, 151) }
```

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

```
.border{ border-color:rgb(252, 177, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 177, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 151);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3741, 0.4033, 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(252, 177, 151) }
```

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

```
.background{ background-color: rgb(252,  
177, 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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