

Converting Colors

Yxy(54.5947, 0.3541, 0.3352)

Have a look what the booklet for
Yxy(54.5947, 0.3541, 0.3352)
contains.

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Color

Yxy(54.4872, 0.3538, 0.3348)

Conversions

Conversions Part 1

Format	Color
Hex	E4B9B4
RGB	228, 185, 180
RGB Percent	89%, 73%, 71%
CMY	0.1060, 0.2745, 0.2940
CMYK	0.00, 0.19, 0.21, 0.11
HSL	6°, 47%, 80%
HSV	6°, 21%, 89%
XYZ	57.5794, 54.4872, 50.6790
YIQ	197.2870, 27.2330, 7.5610

Conversions

Conversions Part 2

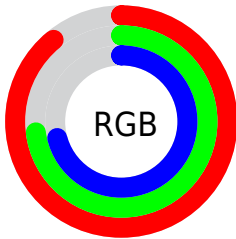
Format	Color
R _Y B	228, 186, 180
Decimal	14989748
CIE Lab	78.74, 14.69, 8.36
CIE LCh	79, 16.899, 29.643
Yxy	54.4872, 0.3538, 0.3348
Android (android.graphics.Color)	4293179828 (0xFFE4B9B4)
YUV	197.2870, -8.5225, 26.9353
Hunter-Lab	73.8154, 10.0610, 10.9645

Details

The Yxy color **54.4872, 0.3538, 0.3348** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0824, 0.2810, 0.3231**, and the grayscale version is **56.0589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2267, 0.3251, 0.3339**, and **26.8055, 0.3654, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **45.6921, 0.3805, 0.3378**, and if you desaturate by 10%, it is **64.6684, 0.3320, 0.3319**.

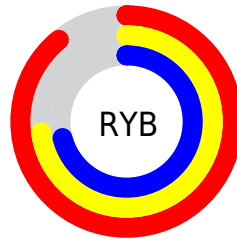
Distribution



Red (89%)

Green (73%)

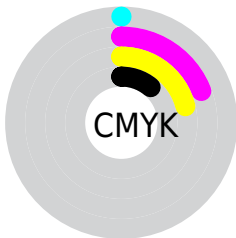
Blue (71%)



Red (89%)

Yellow (73%)

Blue (71%)

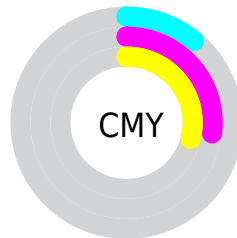


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (11%)



Cyan (11%)


Magenta (27%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4872, 0.3538, 0.3348 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 54.4872, 0.3538, 0.3348 by changing the saturation by 10% instead.


 54.4872, 0.3538,
0.3348

 54.4872, 0.3538,
0.3348


403.9651, 0.3336,
0.3323

 38.9913, 0.3587,
0.3353


 96.7892, 0.3466,
0.3340

 26.7530, 0.3650,
0.3359


124.3641, 0.3438,
0.3336

 17.3878, 0.3732,
0.3366


156.7342, 0.3415,
0.3333

 10.5114, 0.3844,
0.3374

194.2837, 0.3395,
0.3331

 5.7393, 0.4007,
0.3382

237.3972, 0.3377,
0.3329

 2.6872, 0.4263,
0.3387

286.4590, 0.3362,

 0.9707, 0.4854,

0.3326

0.3468

341.8535, 0.3348,
0.3325

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4872, 0.3538,
0.3348

54.4872, 0.3538,
0.3348

45.6921, 0.3805,
0.3378

64.6684, 0.3320,
0.3319

38.2160, 0.4129,
0.3407

76.2842, 0.3143,
0.3293

31.9975, 0.4511,
0.3432

89.3899, 0.3000,
0.3268

26.9672, 0.4943,
0.3448

95.2304, 0.2964,
0.3290

■ 23.0493, 0.5396,
0.3450

■ 20.1587, 0.5819,
0.3432

■ 18.1983, 0.6146,
0.3395

■ 17.1303, 0.6330,
0.3356

Harmonies

Analogous

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



54.4872, 0.3392, 0.3160



54.4872, 0.3538, 0.3348



54.4872, 0.3569, 0.3529

Triad

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



54.4872, 0.3538, 0.3348



54.4872, 0.3067, 0.3598



54.4872, 0.2783, 0.2930

Complementary

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



54.4872, 0.3538, 0.3348



68.0824, 0.2810, 0.3231

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.



54.4872, 0.2704, 0.3031



54.4872, 0.3538, 0.3348



54.4872, 0.2864, 0.3420

Square

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



54.4872, 0.3538, 0.3348



54.4872, 0.3291, 0.3685



54.4872, 0.2733, 0.3209



54.4872, 0.2954, 0.2924

Rectangle

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



54.4872, 0.3538, 0.3348



54.4872, 0.3520, 0.3622



54.4872, 0.2733, 0.3209



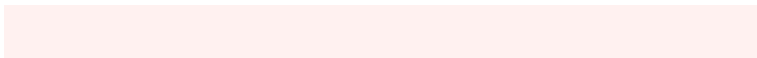
54.4872, 0.2745, 0.2954

Sweetspot

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



54.4897, 0.3538, 0.3348



90.6152, 0.3227, 0.3306



54.4837, 0.3189, 0.2818



19.1856, 0.3239, 0.3308



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.



54.4897, 0.3538, 0.3348



65.3614, 0.3642, 0.3360



65.2898, 0.3484, 0.3612



14.6075, 0.3290, 0.3315



9.9744, 0.6315, 0.3368



0.8188, 0.6120, 0.3522

Inverse Universe

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



68.0824, 0.2810, 0.3231



85.6975, 0.2752, 0.3218



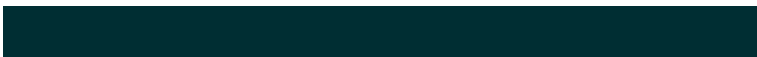
56.2513, 0.2791, 0.2945



16.0672, 0.2982, 0.3265



28.3636, 0.2156, 0.2961



2.1700, 0.2170, 0.3013

Previews

White Background



This preview shows how the Yxy color 54.4872, 0.3538, 0.3348 looks on a white background.

Color Contrast Check

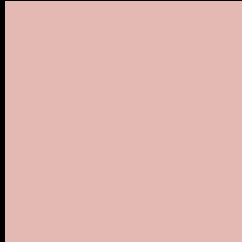
Large Text (above 18pt) WCAG AA × Fail

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 54.4872, 0.3538, 0.3348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

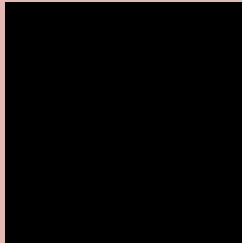
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4872, 0.3538, 0.3348

Background



This preview shows how black text looks on a background with the Yxy color 54.4872, 0.3538, 0.3348.



This preview shows how white text looks on a background with the Yxy color 54.4872, 0.3538, 0.3348.

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

54.4872, 0.3538, 0.3348

Protanopia

54.5039, 0.3252, 0.3400

Deuteranopia

54.4368, 0.3471, 0.3396



Tritanopia

54.3101, 0.3418, 0.3123

Trichromacy



Original Color

54.4872, 0.3538, 0.3348

Protanomaly

54.5294, 0.3356, 0.3386

Deuteranomaly

54.4833, 0.3499, 0.3384

Tritanomaly

54.2866, 0.3458, 0.3201

Monochromacy



Original Color

54.4872, 0.3538, 0.3348

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.3114, 0.3265, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4872, 0.3538, 0.3348 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(228, 185, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 185, 180)  
}
```

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(228, 185, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 185, 180) }
```

Border

The CSS property to change the border of an element to Yxy 54.4872, 0.3538, 0.3348 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(228, 185, 180) }
```

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

```
.border{ border-color:rgb(228, 185, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 185, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 185, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 185, 180);  
box-shadow:4px 4px 4px 4px rgb(228, 185,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4872, 0.3538, 0.3348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 185, 180) }
```

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

```
.background{ background-color: rgb(228,  
185, 180) }
```

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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