

Converting Colors

Yxy(54.4894, 0.3573, 0.3426)

Have a look what the booklet for
Yxy(54.4894, 0.3573, 0.3426)
contains.

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Color

Yxy(54.5047, 0.3578, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	E3BAAE
RGB	227, 186, 174
RGB Percent	89%, 73%, 68%
CMY	0.1099, 0.2705, 0.3176
CMYK	0.00, 0.18, 0.23, 0.11
HSL	14°, 49%, 79%
HSV	14°, 23%, 89%
XYZ	56.8731, 54.5047, 47.5744
YIQ	196.8910, 28.2880, 4.9600

Conversions

Conversions Part 2

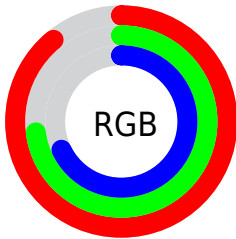
Format	Color
R _Y B	227, 190, 174
Decimal	14924462
CIE Lab	78.76, 12.91, 11.61
CIE LCh	79, 17.358, 41.966
Yxy	54.5047, 0.3578, 0.3429
Android (android.graphics.Color)	4293114542 (0xFFE3BAAE)
YUV	196.8910, -11.2853, 26.4056
Hunter-Lab	73.8273, 8.3103, 13.4726

Details

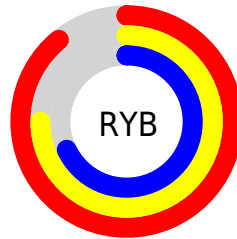
The Yxy color **54.5047, 0.3578, 0.3429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.1355, 0.2772, 0.3146**, and the grayscale version is **55.8231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4214, 0.3294, 0.3418**, and **26.8381, 0.3697, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **46.7464, 0.3838, 0.3493**, and if you desaturate by 10%, it is **63.3264, 0.3361, 0.3367**.

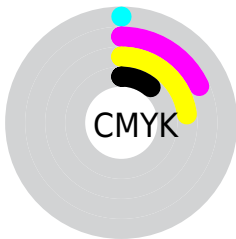
Distribution



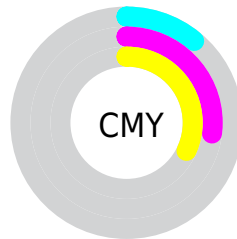
- Red (89%)
- Green (73%)
- Blue (68%)



- Red (89%)
- Yellow (75%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5047, 0.3578, 0.3429 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 54.5047, 0.3578, 0.3429 by changing the saturation by 10% instead.


 54.5047, 0.3578,
0.3429

 54.5047, 0.3578,
0.3429

404.0317, 0.3357,
0.3365

 39.0053, 0.3632,
0.3443


 96.8149, 0.3499,
0.3407

 26.7639, 0.3700,
0.3461


124.3945, 0.3468,
0.3399

 17.3960, 0.3790,
0.3482


156.7696, 0.3443,
0.3391

 10.5172, 0.3913,
0.3509

194.3246, 0.3421,
0.3385

 5.7432, 0.4090,
0.3544

237.4439, 0.3402,
0.3379

 2.6896, 0.4367,
0.3586

286.5119, 0.3385,

 0.9719, 0.5170,

0.3374

0.3862

341.9131, 0.3370,
0.3369

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.5047, 0.3578,
0.3429

54.5047, 0.3578,
0.3429

46.7464, 0.3838,
0.3493

63.3264, 0.3361,
0.3367

40.0037, 0.4145,
0.3554

73.2422, 0.3180,
0.3309

34.2361, 0.4499,
0.3607

84.2906, 0.3030,
0.3254

29.3977, 0.4891,
0.3644

95.0672, 0.2958,
0.3290

■ 25.4383, 0.5297,
0.3653

■ 22.3033, 0.5679,
0.3625

■ 19.9307, 0.5989,
0.3558

■ 18.7317, 0.6146,
0.3502

Harmonies

Analogous

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



54.5047, 0.3473, 0.3234



54.5047, 0.3578, 0.3429



54.5047, 0.3556, 0.3598

Triad

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



54.5047, 0.3578, 0.3429



54.5047, 0.2973, 0.3540



54.5047, 0.2836, 0.2906

Complementary

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



54.5047, 0.3578, 0.3429



63.1355, 0.2772, 0.3146

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.



54.5047, 0.2713, 0.2970



54.5047, 0.3578, 0.3429



54.5047, 0.2790, 0.3334

Square

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



54.5047, 0.3578, 0.3429



54.5047, 0.3202, 0.3673



54.5047, 0.2697, 0.3124



54.5047, 0.3039, 0.2940

Rectangle

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



54.5047, 0.3578, 0.3429



54.5047, 0.3474, 0.3671



54.5047, 0.2697, 0.3124



54.5047, 0.2784, 0.2917

Sweetspot

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



54.5072, 0.3578, 0.3429



90.4086, 0.3243, 0.3330



51.5373, 0.3247, 0.2830



19.1814, 0.3254, 0.3333



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.



54.5072, 0.3578, 0.3429



65.9084, 0.3698, 0.3460



66.4564, 0.3514, 0.3715



14.8949, 0.3287, 0.3344



11.0715, 0.6122, 0.3521



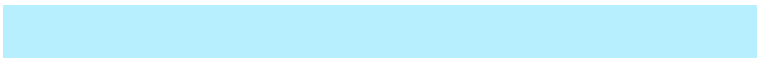
0.9561, 0.5841, 0.3744

Inverse Universe

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



63.1355, 0.2772, 0.3146



78.9916, 0.2701, 0.3113



50.9495, 0.2746, 0.2825



15.7535, 0.2981, 0.3235



21.4294, 0.2040, 0.2544



1.7195, 0.2074, 0.2666

Previews

White Background



This preview shows how the Yxy color 54.5047, 0.3578, 0.3429 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 54.5047, 0.3578, 0.3429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

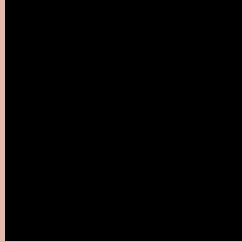
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5047, 0.3578, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 54.5047, 0.3578, 0.3429.



This preview shows how white text looks on a background with the Yxy color 54.5047, 0.3578, 0.3429.

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

54.5047, 0.3578, 0.3429

Protanopia

54.4944, 0.3323, 0.3485

Deuteranopia

54.5520, 0.3530, 0.3454



Tritanopia

54.7212, 0.3416, 0.3134

Trichromacy



Original Color

54.5047, 0.3578, 0.3429

Protanomaly

54.4330, 0.3412, 0.3458

Deuteranomaly

54.4439, 0.3550, 0.3442

Tritanomaly

54.6131, 0.3473, 0.3234

Monochromacy



Original Color

54.5047, 0.3578, 0.3429

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.2239, 0.3280, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5047, 0.3578, 0.3429 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(227, 186, 174)` looks like.

```
.text, #text, p{  
    color:rgb(227, 186, 174)  
}
```

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(227, 186, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 186, 174) }
```

Border

The CSS property to change the border of an element to Yxy 54.5047, 0.3578, 0.3429 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(227, 186, 174) }
```

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

```
.border{ border-color:rgb(227, 186, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 186, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 186, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 186, 174);  
box-shadow:4px 4px 4px 4px rgb(227, 186,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5047, 0.3578, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 186, 174) }
```

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

```
.background{ background-color: rgb(227,  
186, 174) }
```

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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