

# Converting Colors

$Y_{xy}(54.9275, 0.3576, 0.3440)$

Have a look what the booklet for  
Yxy(54.9275, 0.3576, 0.3440)  
contains.

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# Color

**Yxy(54.9275, 0.3576, 0.3440)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3BBAE
RGB	227, 187, 174
RGB Percent	89%, 73%, 68%
CMY	0.1097, 0.2667, 0.3176
CMYK	0.00, 0.18, 0.23, 0.11
HSL	15°, 49%, 79%
HSV	15°, 23%, 89%
XYZ	57.0991, 54.9275, 47.6464
YIQ	197.4780, 28.0130, 4.4370

# Conversions

## Conversions Part 2

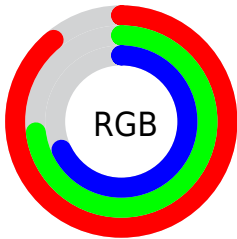
Format	Color
R <sub>Y</sub> B	227, 191, 174
Decimal	14924718
CIE Lab	79.00, 12.41, 11.95
CIE LCh	79, 17.230, 43.922
Yxy	54.9275, 0.3576, 0.3440
Android (android.graphics.Color)	4293114798 (0xFFE3BBAE)
YUV	197.4780, -11.5747, 25.8908
Hunter-Lab	74.1131, 7.8241, 13.7623

# Details

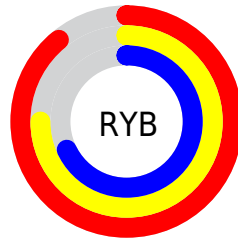
The Yxy color **54.9275, 0.3576, 0.3440** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.6768, 0.2770, 0.3135**, and the grayscale version is **56.2014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0183, 0.3293, 0.3428**, and **27.1133, 0.3693, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **47.2711, 0.3833, 0.3509**, and if you desaturate by 10%, it is **63.6076, 0.3360, 0.3373**.

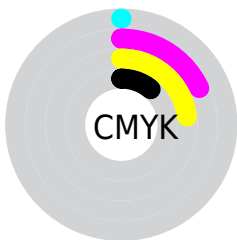
# Distribution



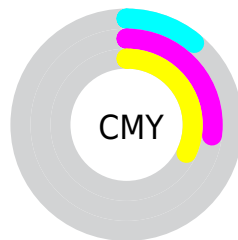
- Red (89%)
- Green (73%)
- Blue (68%)



- 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 54.9275, 0.3576, 0.3440 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 54.9275, 0.3576, 0.3440 by changing the saturation by 10% instead.



 54.9275, 0.3576,  
0.3440

 54.9275, 0.3576,  
0.3440


405.6370, 0.3356,  
0.3371

 39.3437, 0.3630,  
0.3456


 97.4347, 0.3497,  
0.3416

 27.0272, 0.3697,  
0.3474

125.1269, 0.3467,  
0.3407

 17.5936, 0.3786,  
0.3498


157.6240, 0.3442,  
0.3399

 10.6586, 0.3908,  
0.3528

195.3104, 0.3420,  
0.3392

 5.8378, 0.4083,  
0.3566

238.5705, 0.3401,  
0.3386

 2.7467, 0.4355,  
0.3615

287.7888, 0.3384,

 1.0010, 0.5135,

0.3380

0.3895

343.3495, 0.3369,  
0.3375

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.9275, 0.3576,  
0.3440

54.9275, 0.3576,  
0.3440

47.2711, 0.3833,  
0.3509

63.6076, 0.3360,  
0.3373

40.5928, 0.4136,  
0.3575

73.3398, 0.3180,  
0.3310

34.8548, 0.4484,  
0.3633

84.1608, 0.3031,  
0.3252

30.0137, 0.4868,  
0.3673

95.0771, 0.2958,  
0.3290

■ 26.0227, 0.5267,  
0.3685

■ 22.8304, 0.5642,  
0.3658

■ 20.3791, 0.5951,  
0.3590

■ 19.1210, 0.6109,  
0.3531

# Harmonies

## Analogous

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



54.9275, 0.3480, 0.3247



54.9275, 0.3576, 0.3440



54.9275, 0.3546, 0.3604

# Triad

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



54.9275, 0.3576, 0.3440



54.9275, 0.2961, 0.3526



54.9275, 0.2850, 0.2909

# Complementary

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



54.9275, 0.3576, 0.3440



62.6768, 0.2770, 0.3135

# 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.



54.9275, 0.2722, 0.2966



54.9275, 0.3576, 0.3440



54.9275, 0.2784, 0.3320

# Square

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



54.9275, 0.3576, 0.3440



54.9275, 0.3186, 0.3664



54.9275, 0.2698, 0.3114



54.9275, 0.3055, 0.2948



# Rectangle

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



54.9275, 0.3576, 0.3440



54.9275, 0.3460, 0.3672



54.9275, 0.2698, 0.3114



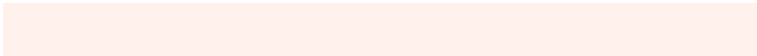
54.9275, 0.2797, 0.2918

# Sweetspot

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



54.9300, 0.3576, 0.3440



90.6001, 0.3243, 0.3333



51.5060, 0.3254, 0.2839



19.2257, 0.3254, 0.3337



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.



54.9300, 0.3576, 0.3440



66.5082, 0.3695, 0.3473



66.9319, 0.3512, 0.3725



14.9377, 0.3286, 0.3348



11.3008, 0.6084, 0.3551



0.9784, 0.5800, 0.3777

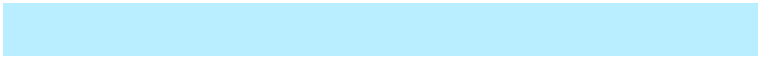


# Inverse Universe

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



62.6768, 0.2770, 0.3135



78.2389, 0.2699, 0.3098



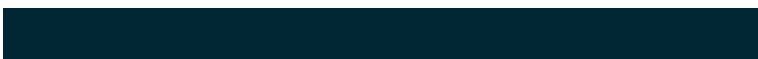
50.5831, 0.2745, 0.2813



15.7077, 0.2981, 0.3231



20.5161, 0.2022, 0.2481



1.6590, 0.2059, 0.2613



# Previews

## White Background



This preview shows how the Yxy color 54.9275, 0.3576, 0.3440 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 54.9275, 0.3576, 0.3440 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

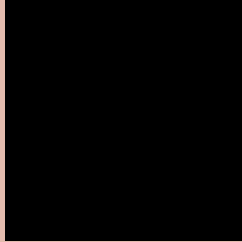
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.9275, 0.3576, 0.3440**

## Background



This preview shows how black text looks on a background with the Yxy color 54.9275, 0.3576, 0.3440.



This preview shows how white text looks on a background with the Yxy color 54.9275, 0.3576, 0.3440.

# 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

54.9275, 0.3576, 0.3440

### Protanopia

54.9411, 0.3322, 0.3497

### Deuteranopia

55.1392, 0.3536, 0.3465



## Tritanopia

54.7672, 0.3408, 0.3123

# Trichromacy



**Original Color**

54.9275, 0.3576, 0.3440

**Protanomaly**

54.8706, 0.3410, 0.3470

**Deuteranomaly**

54.8697, 0.3547, 0.3453

**Tritanomaly**

54.6131, 0.3473, 0.3234

# Monochromacy



**Original Color**

54.9275, 0.3576, 0.3440

**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 54.9275, 0.3576, 0.3440 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, 187, 174)` looks like.

```
.text, #text, p{  
  color:rgb(227, 187, 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, 187, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 187, 174) }
```

## Border

The CSS property to change the border of an element to Yxy 54.9275, 0.3576, 0.3440 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, 187, 174) }
```

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

```
.border{ border-color:rgb(227, 187, 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, 187, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 187, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 187, 174);  
box-shadow:4px 4px 4px 4px rgb(227, 187,  
174) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.9275, 0.3576, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 187, 174) }
```

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

```
.background{ background-color: rgb(227,  
187, 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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