

Converting Colors

Yxy(54.2137, 0.3572, 0.3394)

Have a look what the booklet for
Yxy(54.2137, 0.3572, 0.3394)
contains.

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Color

Yxy(54.3265, 0.3573, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	E4B9B0
RGB	228, 185, 176
RGB Percent	89%, 73%, 69%
CMY	0.1057, 0.2746, 0.3098
CMYK	0.00, 0.19, 0.23, 0.11
HSL	10°, 49%, 79%
HSV	10°, 23%, 89%
XYZ	57.1917, 54.3265, 48.5481
YIQ	196.8310, 28.5170, 6.3170

Conversions

Conversions Part 2

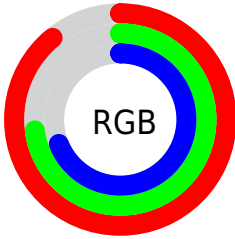
Format	Color
R _Y B	228, 187, 176
Decimal	14989744
CIE Lab	78.65, 14.14, 10.40
CIE LCh	79, 17.551, 36.341
Yxy	54.3265, 0.3573, 0.3394
Android (android.graphics.Color)	4293179824 (0xFFE4B9B0)
YUV	196.8310, -10.2697, 27.3352
Hunter-Lab	73.7065, 9.5185, 12.5421

Details

The Yxy color **54.3265, 0.3573, 0.3394** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.5321, 0.2782, 0.3183**, and the grayscale version is **55.7814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9968, 0.3276, 0.3379**, and **26.7284, 0.3690, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **46.1236, 0.3839, 0.3443**, and if you desaturate by 10%, it is **63.7337, 0.3353, 0.3347**.

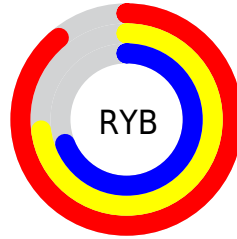
Distribution



Red (89%)

Green (73%)

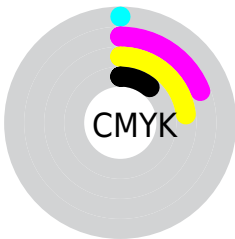
Blue (69%)



Red (89%)

Yellow (73%)

Blue (69%)

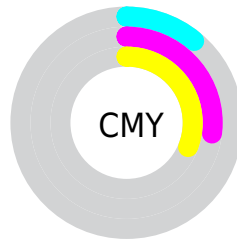


Cyan (0%)

Magenta (19%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (27%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3265, 0.3573, 0.3394 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 54.3265, 0.3573, 0.3394 by changing the saturation by 10% instead.


 54.3265, 0.3573,
0.3394

 54.3265, 0.3573,
0.3394


403.3538, 0.3354,
0.3347

 38.8628, 0.3626,
0.3404

 96.5535, 0.3494,
0.3378

 26.6530, 0.3694,
0.3417


124.0855, 0.3464,
0.3372

 17.3128, 0.3784,
0.3431

156.4090, 0.3439,
0.3366

 10.4577, 0.3905,
0.3450

193.9085, 0.3417,
0.3362

 5.7035, 0.4082,
0.3472

236.9684, 0.3398,
0.3357

 2.6656, 0.4359,
0.3496

285.9729, 0.3382,

 0.9598, 0.5099,

0.3354

0.3688

341.3066, 0.3367,
0.3350

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3265, 0.3573,
0.3394

54.3265, 0.3573,
0.3394

46.1236, 0.3839,
0.3443

63.7337, 0.3353,
0.3347

39.0690, 0.4157,
0.3490

74.3835, 0.3172,
0.3302

33.1134, 0.4527,
0.3530

86.3217, 0.3023,
0.3261

28.2008, 0.4939,
0.3556

95.2417, 0.2964,
0.3290

■ 24.2704, 0.5367,
0.3560

■ 21.2548, 0.5766,
0.3534

■ 19.0777, 0.6081,
0.3476

■ 17.9763, 0.6241,
0.3426

Harmonies

Analogous

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



54.3265, 0.3445, 0.3197



54.3265, 0.3573, 0.3394



54.3265, 0.3576, 0.3574

Triad

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



54.3265, 0.3573, 0.3394



54.3265, 0.3013, 0.3576



54.3265, 0.2802, 0.2906

Complementary

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



54.3265, 0.3573, 0.3394



65.5321, 0.2782, 0.3183

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.



54.3265, 0.2696, 0.2989



54.3265, 0.3573, 0.3394



54.3265, 0.2815, 0.3376

Square

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



54.3265, 0.3573, 0.3394



54.3265, 0.3247, 0.3691



54.3265, 0.2701, 0.3159



54.3265, 0.2995, 0.2922

Rectangle

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



54.3265, 0.3573, 0.3394



54.3265, 0.3507, 0.3659



54.3265, 0.2701, 0.3159



54.3265, 0.2755, 0.2923

Sweetspot

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



54.3290, 0.3573, 0.3394



89.8392, 0.3244, 0.3320



52.6887, 0.3223, 0.2813



19.0500, 0.3255, 0.3323



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.



54.3290, 0.3573, 0.3394



65.2145, 0.3683, 0.3415



66.0761, 0.3511, 0.3678



14.7680, 0.3288, 0.3331



10.4941, 0.6220, 0.3443



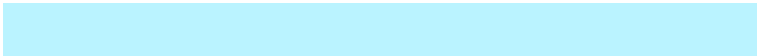
0.8949, 0.5959, 0.3650

Inverse Universe

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



65.5321, 0.2782, 0.3183



81.8495, 0.2719, 0.3161



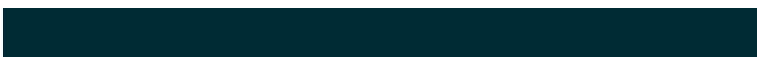
53.1309, 0.2757, 0.2869



15.8908, 0.2981, 0.3248



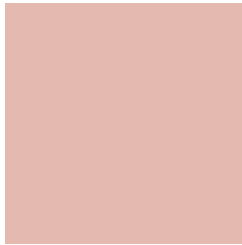
24.3184, 0.2092, 0.2731



1.9090, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 54.3265, 0.3573, 0.3394 looks on a white background.

Color Contrast Check

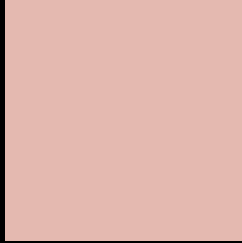
Large Text (above 18pt) WCAG AA × Fail

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 54.3265, 0.3573, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

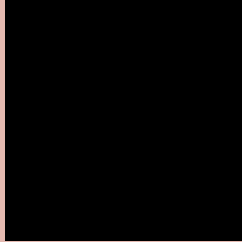
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3265, 0.3573, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 54.3265, 0.3573, 0.3394.



This preview shows how white text looks on a background with the Yxy color 54.3265, 0.3573, 0.3394.

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

54.3265, 0.3573, 0.3394

Protanopia

54.4763, 0.3291, 0.3449

Deuteranopia

54.4337, 0.3513, 0.3443



Tritanopia

54.2644, 0.3426, 0.3134

Trichromacy



Original Color

54.3265, 0.3573, 0.3394

Protanomaly

54.3652, 0.3388, 0.3434

Deuteranomaly

54.4831, 0.3541, 0.3430

Tritanomaly

54.1991, 0.3475, 0.3223

Monochromacy



Original Color

54.3265, 0.3573, 0.3394

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 54.3265, 0.3573, 0.3394 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(228, 185, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 185, 176) }
```

Border

The CSS property to change the border of an element to Yxy 54.3265, 0.3573, 0.3394 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, 176) }
```

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

```
.border{ border-color:rgb(228, 185, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 185, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 185, 176);  
box-shadow:4px 4px 4px 4px rgb(228, 185,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3265, 0.3573, 0.3394 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, 176) }
```

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

```
.background{ background-color: rgb(228,  
185, 176) }
```

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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