

Converting Colors

$Yxy(54.0116, 0.3503, 0.3450)$

Have a look what the booklet for
Yxy(54.0116, 0.3503, 0.3450)
contains.

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Color

Yxy(54.0825, 0.3504, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	DBBCAE
RGB	219, 188, 174
RGB Percent	86%, 74%, 68%
CMY	0.1410, 0.2628, 0.3176
CMYK	0.00, 0.14, 0.21, 0.14
HSL	19°, 39%, 77%
HSV	19°, 21%, 86%
XYZ	54.8495, 54.0825, 47.6020
YIQ	195.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

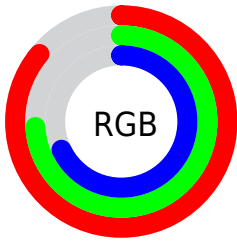
Format	Color
R_{YB}	219, 194, 174
Decimal	14400686
CIE Lab	78.51, 8.91, 11.15
CIE LCh	79, 14.274, 51.396
Yxy	54.0825, 0.3504, 0.3455
Android (android.graphics.Color)	4292590766 (0xFFDBBCAE)
YUV	195.6730, -10.6848, 20.4578
Hunter-Lab	73.5408, 4.4356, 13.1009

Details

The Yxy color **54.0825, 0.3504, 0.3455** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.8223, 0.2810, 0.3119**, and the grayscale version is **55.0555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6185, 0.3292, 0.3437**, and **26.6256, 0.3606, 0.3493** is the 20% darker color. If you saturate the color by 10%, you get **47.1773, 0.3740, 0.3541**, and if you desaturate by 10%, it is **61.8080, 0.3304, 0.3372**.

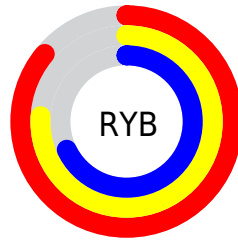
Distribution



Red (86%)

Green (74%)

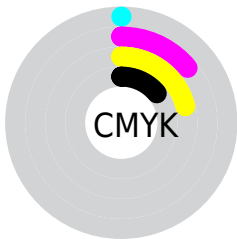
Blue (68%)



Red (86%)

Yellow (76%)

Blue (68%)

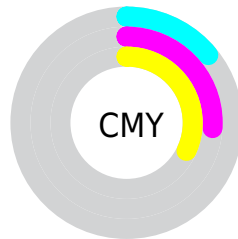


Cyan (0%)

Magenta (14%)

Yellow (21%)

Black (14%)



Cyan (14%)

Magenta (26%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0825, 0.3504, 0.3455 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 54.0825, 0.3504, 0.3455 by changing the saturation by 10% instead.


 54.0825, 0.3504,
0.3455

 54.0825, 0.3504,
0.3455


402.4245, 0.3319,
0.3377

 38.6676, 0.3549,
0.3473


 96.1954, 0.3438,
0.3428

 26.5013, 0.3606,
0.3495


123.6621, 0.3412,
0.3417

 17.1990, 0.3682,
0.3524


155.9150, 0.3391,
0.3408

 10.3765, 0.3785,
0.3561

193.3384, 0.3373,
0.3400

 5.6493, 0.3933,
0.3612

236.3166, 0.3357,
0.3393

 2.6330, 0.4167,
0.3682

285.2341, 0.3343,

 0.9433, 0.4901,

0.3387

0.4045

340.4753, 0.3330,
0.3382

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0825, 0.3504,
0.3455

54.0825, 0.3504,
0.3455

47.1773, 0.3740,
0.3541

61.8080, 0.3304,
0.3372

41.0577, 0.4014,
0.3626

70.3725, 0.3136,
0.3294

35.6970, 0.4329,
0.3704

79.8035, 0.2994,
0.3222

31.0643, 0.4677,
0.3765

89.6896, 0.2910,
0.3223

■ 27.1263, 0.5043,
0.3799

■ 93.8081, 0.2912,
0.3289

■ 23.8468, 0.5402,
0.3793

■ 21.1860, 0.5718,
0.3739

■ 19.1941, 0.5956,
0.3653

Harmonies

Analogous

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



54.0825, 0.3449, 0.3296



54.0825, 0.3504, 0.3455



54.0825, 0.3454, 0.3578

Triad

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



54.0825, 0.3504, 0.3455



54.0825, 0.2947, 0.3446



54.0825, 0.2934, 0.2972

Complementary

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



54.0825, 0.3504, 0.3455



57.8223, 0.2810, 0.3119

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.



54.0825, 0.2807, 0.3001



54.0825, 0.3504, 0.3455



54.0825, 0.2815, 0.3271

Square

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



54.0825, 0.3504, 0.3455



54.0825, 0.3130, 0.3579



54.0825, 0.2764, 0.3108



54.0825, 0.3116, 0.3023

Rectangle

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



54.0825, 0.3504, 0.3455



54.0825, 0.3370, 0.3620



54.0825, 0.2764, 0.3108



54.0825, 0.2884, 0.2972

Sweetspot

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



54.0849, 0.3504, 0.3455



92.5028, 0.3225, 0.3336



49.7820, 0.3262, 0.2928



19.6304, 0.3236, 0.3342



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.



54.0849, 0.3504, 0.3455



71.6310, 0.3609, 0.3495



64.2405, 0.3455, 0.3703



13.7070, 0.3284, 0.3363



11.5473, 0.5929, 0.3675



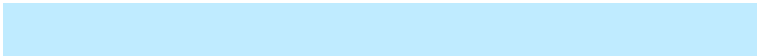
0.8989, 0.5607, 0.3930

Inverse Universe

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



57.8223, 0.2810, 0.3119



77.8773, 0.2739, 0.3075



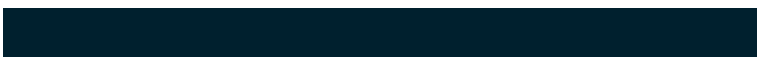
47.9960, 0.2792, 0.2840



14.1127, 0.2982, 0.3216



16.3758, 0.1958, 0.2250



1.2116, 0.2011, 0.2440

Previews

White Background



This preview shows how the Yxy color 54.0825, 0.3504, 0.3455 looks on a white background.

Color Contrast Check

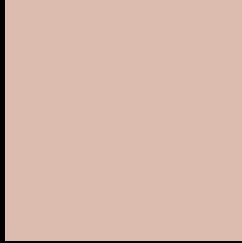
Large Text (above 18pt) WCAG AA × Fail

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 54.0825, 0.3504, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

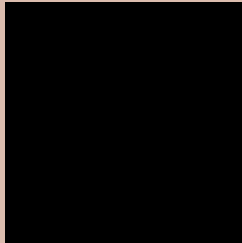
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0825, 0.3504, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 54.0825, 0.3504, 0.3455.



This preview shows how white text looks on a background with the Yxy color 54.0825, 0.3504, 0.3455.

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

54.0825, 0.3504, 0.3455

Protanopia

54.3145, 0.3322, 0.3498

Deuteranopia

53.9688, 0.3523, 0.3443



Tritanopia

53.9341, 0.3330, 0.3119

Trichromacy



Original Color

54.0825, 0.3504, 0.3455

Protanomaly

54.2438, 0.3384, 0.3484

Deuteranomaly

53.8123, 0.3515, 0.3443

Tritanomaly

53.7878, 0.3394, 0.3233

Monochromacy



Original Color

54.0825, 0.3504, 0.3455

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.6081, 0.3255, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0825, 0.3504, 0.3455 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(219, 188, 174)` looks like.

```
.text, #text, p{  
    color:rgb(219, 188, 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(219, 188, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 188, 174) }
```

Border

The CSS property to change the border of an element to Yxy 54.0825, 0.3504, 0.3455 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(219, 188, 174) }
```

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

```
.border{ border-color:rgb(219, 188, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 188, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 188, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 188, 174);  
box-shadow:4px 4px 4px 4px rgb(219, 188,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0825, 0.3504, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 188, 174) }
```

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

```
.background{ background-color: rgb(219,  
188, 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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