

Converting Colors

$Y_{xy}(43.7221, 0.3253, 0.3292)$

Have a look what the booklet for
Yxy(43.7221, 0.3253, 0.3292)
contains.

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Color

Yxy(43.8540, 0.3252, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	BBAEAD
RGB	187, 174, 173
RGB Percent	73%, 68%, 68%
CMY	0.2666, 0.3177, 0.3214
CMYK	0.00, 0.07, 0.07, 0.27
HSL	4°, 9%, 71%
HSV	4°, 7%, 73%
XYZ	43.1769, 43.8540, 45.7393
YIQ	177.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

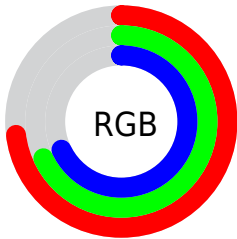
Format	Color
RYB	187, 174, 173
Decimal	12299949
CIELab	72.13, 4.49, 2.16
CIElCh	72, 4.982, 25.730
Yxy	43.8540, 0.3252, 0.3303
Android (android.graphics.Color)	4290490029 (0xFFBBAEAD)
YUV	177.7730, -2.3531, 8.0921
Hunter-Lab	66.2224, 0.4926, 5.4044

Details

The Yxy color **43.8540, 0.3252, 0.3303** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.6136, 0.3013, 0.3277**, and the grayscale version is **44.4066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6947, 0.3231, 0.3301**, and **20.3679, 0.3288, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **36.8856, 0.3453, 0.3322**, and if you desaturate by 10%, it is **51.7994, 0.3089, 0.3286**.

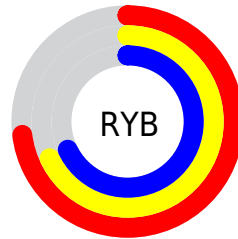
Distribution



Red (73%)

Green (68%)

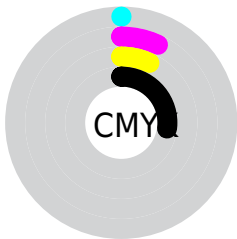
Blue (68%)



Red (73%)

Yellow (68%)

Blue (68%)

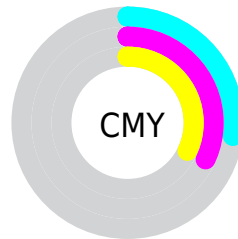


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (27%)



Cyan (27%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8540, 0.3252, 0.3303 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 43.8540, 0.3252, 0.3303 by changing the saturation by 10% instead.


 43.8540, 0.3252,
0.3303

 43.8540, 0.3252,
0.3303

362.1122, 0.3189,
0.3297

 30.5557, 0.3268,
0.3304


 80.9980, 0.3229,
0.3301

 20.2608, 0.3289,
0.3306


105.6125, 0.3220,
0.3300

 12.5848, 0.3317,
0.3309


134.7680, 0.3213,
0.3299

 7.1432, 0.3357,
0.3312

168.8487, 0.3207,
0.3299

 3.5518, 0.3417,
0.3316

208.2390, 0.3201,
0.3298

 1.4262, 0.3522,
0.3323

253.3235, 0.3197,

 0.2359, 0.4943,

0.3298

0.3493

304.4864, 0.3192,
0.3297

0.0000, 0.0000,
0.0000

43.8540, 0.3252,
0.3303

43.8540, 0.3252,
0.3303

36.8856, 0.3453,
0.3322

51.7994, 0.3089,
0.3286

30.8509, 0.3701,
0.3341

60.7514, 0.2957,
0.3270

25.7121, 0.4004,
0.3361

70.7455, 0.2850,
0.3256

21.4264, 0.4368,
0.3379

81.8139, 0.2761,
0.3243

17.9476, 0.4788,
0.3392

89.3064, 0.2736,
0.3289

■ 15.2251, 0.5243,
0.3398

■ 13.2027, 0.5689,
0.3391

■ 11.8161, 0.6061,
0.3370

■ 10.9876, 0.6304,
0.3342

Harmonies

Analogous

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



43.8540, 0.3203, 0.3241



43.8540, 0.3252, 0.3303



43.8540, 0.3267, 0.3362

Triad

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



43.8540, 0.3252, 0.3303



43.8540, 0.3119, 0.3390



43.8540, 0.3012, 0.3178

Complementary

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



43.8540, 0.3252, 0.3303



47.6136, 0.3013, 0.3277

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.



43.8540, 0.2990, 0.3216



43.8540, 0.3252, 0.3303



43.8540, 0.3051, 0.3339

Square

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



43.8540, 0.3252, 0.3303



43.8540, 0.3189, 0.3414



43.8540, 0.3004, 0.3275



43.8540, 0.3064, 0.3170

Rectangle

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



43.8540, 0.3252, 0.3303



43.8540, 0.3255, 0.3392



43.8540, 0.3004, 0.3275



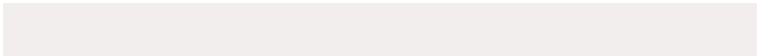
43.8540, 0.3000, 0.3188

Sweetspot

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



43.8559, 0.3252, 0.3303



86.0574, 0.3159, 0.3293



44.0141, 0.3143, 0.3122



18.9839, 0.3158, 0.3293



95.5105, 0.3127, 0.3290



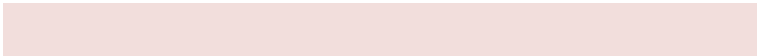
19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.8559, 0.3252, 0.3303



76.3309, 0.3283, 0.3306



46.6139, 0.3244, 0.3393



9.6394, 0.3287, 0.3306



7.5169, 0.6341, 0.3347



0.3310, 0.6124, 0.3519

Inverse Universe

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



47.6136, 0.3013, 0.3277



84.4700, 0.2988, 0.3274



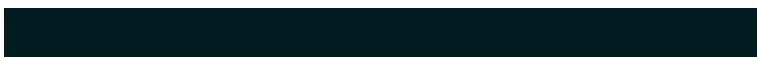
44.7525, 0.3014, 0.3185



10.6935, 0.2985, 0.3274



23.3932, 0.2188, 0.3075



0.9505, 0.2203, 0.3130

Previews

White Background



This preview shows how the Yxy color 43.8540, 0.3252, 0.3303 looks on a white background.

Color Contrast Check

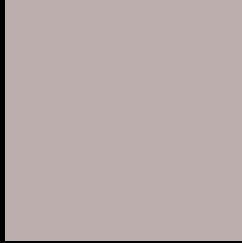
Large Text (above 18pt) WCAG AA × Fail

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 43.8540, 0.3252, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

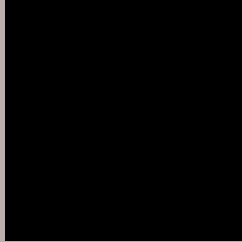
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

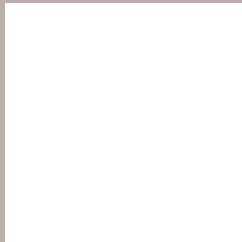
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8540, 0.3252, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 43.8540, 0.3252, 0.3303.



This preview shows how white text looks on a background with the Yxy color 43.8540, 0.3252, 0.3303.

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

43.8540, 0.3252, 0.3303

Protanopia

43.9304, 0.3188, 0.3317

Deuteranopia

43.7839, 0.3321, 0.3252



Tritanopia

43.8690, 0.3162, 0.3110

Trichromacy



Original Color

43.8540, 0.3252, 0.3303

Protanomaly

43.7832, 0.3207, 0.3303

Deuteranomaly

43.7675, 0.3292, 0.3265

Tritanomaly

43.9147, 0.3194, 0.3187

Monochromacy



Original Color

43.8540, 0.3252, 0.3303

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4026, 0.3170, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8540, 0.3252, 0.3303 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(187, 174, 173)` looks like.

```
.text, #text, p{  
    color:rgb(187, 174, 173)  
}
```

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(187, 174, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 174, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.8540, 0.3252, 0.3303 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(187, 174, 173) }
```

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

```
.border{ border-color:rgb(187, 174, 173) }
```

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

Here you see how a box with a 4 pixel rgb(187, 174, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 174, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 174, 173);  
box-shadow:4px 4px 4px 4px rgb(187, 174,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8540, 0.3252, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 174, 173) }
```

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

```
.background{ background-color: rgb(187,  
174, 173) }
```

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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