

Converting Colors

$Yxy(43.5024, 0.3270, 0.3338)$

Have a look what the booklet for
Yxy(43.5024, 0.3270, 0.3338)
contains.

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Color

Yxy(43.6135, 0.3269, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	BAAEAA
RGB	186, 174, 170
RGB Percent	73%, 68%, 67%
CMY	0.2704, 0.3177, 0.3333
CMYK	0.00, 0.06, 0.09, 0.27
HSL	15°, 10%, 70%
HSV	15°, 9%, 73%
XYZ	42.6481, 43.6135, 44.2006
YIQ	177.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

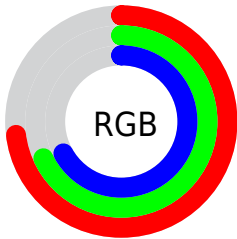
Format	Color
RYB	186, 175, 170
Decimal	12234410
CIELab	71.97, 3.61, 3.58
CIELCh	72, 5.086, 44.802
Yxy	43.6135, 0.3269, 0.3343
Android (android.graphics.Color)	4290424490 (0xFFBAAEAA)
YUV	177.1320, -3.5161, 7.7772
Hunter-Lab	66.0405, -0.2980, 6.5459

Details

The Yxy color **43.6135, 0.3269, 0.3343** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.5677, 0.2996, 0.3236**, and the grayscale version is **44.0581, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3521, 0.3243, 0.3331**, and **20.2136, 0.3311, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **37.8395, 0.3464, 0.3408**, and if you desaturate by 10%, it is **50.0527, 0.3106, 0.3282**.

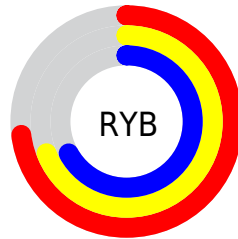
Distribution



Red (73%)

Green (68%)

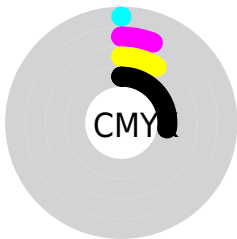
Blue (67%)



Red (73%)

Yellow (69%)

Blue (67%)

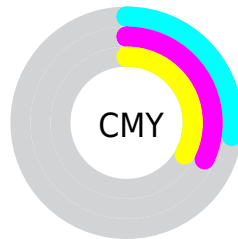


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6135, 0.3269, 0.3343 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 43.6135, 0.3269, 0.3343 by changing the saturation by 10% instead.

■ 43.6135, 0.3269,
0.3343

■ 43.6135, 0.3269,
0.3343

361.1287, 0.3197,
0.3317

■ 30.3668, 0.3287,
0.3350

■ 80.6358, 0.3243,
0.3333

■ 20.1171, 0.3311,
0.3358

105.1802, 0.3233,
0.3330

■ 12.4802, 0.3343,
0.3369

134.2593, 0.3225,
0.3327

■ 7.0716, 0.3388,
0.3385

168.2575, 0.3217,
0.3324

■ 3.5069, 0.3458,
0.3408

207.5591, 0.3211,
0.3322

■ 1.4018, 0.3578,
0.3446

252.5486, 0.3206,

■ 0.2180, 0.5753,

0.3320

0.4247

303.6103, 0.3201,
0.3318

0.0000, 0.0000,
0.0000

43.6135, 0.3269,
0.3343

43.6135, 0.3269,
0.3343

37.8395, 0.3464,
0.3408

50.0527, 0.3106,
0.3282

32.7036, 0.3696,
0.3477

57.1715, 0.2971,
0.3225

28.1854, 0.3971,
0.3545

64.9913, 0.2857,
0.3174

24.2611, 0.4290,
0.3609

73.5307, 0.2761,
0.3127

20.9055, 0.4650,
0.3660

82.2802, 0.2720,
0.3169

■ 18.0914, 0.5037,
0.3689

■ 89.1838, 0.2731,
0.3289

■ 15.7892, 0.5424,
0.3686

■ 13.9664, 0.5771,
0.3642

■ 12.5825, 0.6045,
0.3564

Harmonies

Analogous

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



43.6135, 0.3240, 0.3280



43.6135, 0.3269, 0.3343



43.6135, 0.3259, 0.3393

Triad

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



43.6135, 0.3269, 0.3343



43.6135, 0.3073, 0.3362



43.6135, 0.3040, 0.3166

Complementary

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



43.6135, 0.3269, 0.3343



45.5677, 0.2996, 0.3236

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.



43.6135, 0.2997, 0.3186



43.6135, 0.3269, 0.3343



43.6135, 0.3015, 0.3299

Square

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



43.6135, 0.3269, 0.3343



43.6135, 0.3146, 0.3405



43.6135, 0.2988, 0.3235



43.6135, 0.3108, 0.3179

Rectangle

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



43.6135, 0.3269, 0.3343



43.6135, 0.3232, 0.3412



43.6135, 0.2988, 0.3235



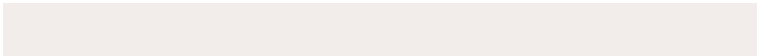
43.6135, 0.3022, 0.3169

Sweetspot

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



43.6154, 0.3269, 0.3343



85.3663, 0.3175, 0.3308



42.5833, 0.3168, 0.3130



18.5908, 0.3188, 0.3313



95.5105, 0.3127, 0.3290



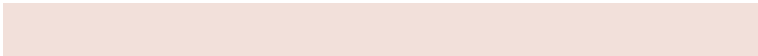
19.5994, 0.3127, 0.3290

Same Dimension

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



43.6154, 0.3269, 0.3343



77.3255, 0.3297, 0.3353



46.7043, 0.3259, 0.3444



9.3657, 0.3282, 0.3348



8.4556, 0.6058, 0.3572



0.3991, 0.5544, 0.3980

Inverse Universe

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



45.5677, 0.2996, 0.3236



81.4530, 0.2972, 0.3226



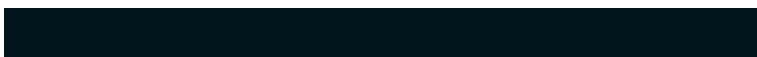
42.4724, 0.2996, 0.3131



9.8218, 0.2985, 0.3232



15.0688, 0.2021, 0.2475



0.6229, 0.2086, 0.2709

Previews

White Background



This preview shows how the Yxy color 43.6135, 0.3269, 0.3343 looks on a white background.

Color Contrast Check

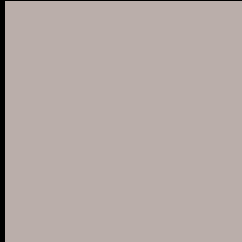
Large Text (above 18pt) WCAG AA × Fail

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 43.6135, 0.3269, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

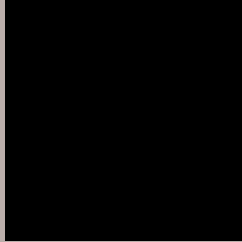
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6135, 0.3269, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 43.6135, 0.3269, 0.3343.



This preview shows how white text looks on a background with the Yxy color 43.6135, 0.3269, 0.3343.

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

43.6135, 0.3269, 0.3343

Protanopia

43.8147, 0.3213, 0.3357

Deuteranopia

43.8019, 0.3357, 0.3291



Tritanopia

43.6992, 0.3162, 0.3123

Trichromacy



Original Color

43.6135, 0.3269, 0.3343

Protanomaly

43.6675, 0.3232, 0.3343

Deuteranomaly

43.6518, 0.3318, 0.3304

Tritanomaly

43.7472, 0.3194, 0.3199

Monochromacy



Original Color

43.6135, 0.3269, 0.3343

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8100, 0.3179, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6135, 0.3269, 0.3343 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(186, 174, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 170)  
}
```

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(186, 174, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.6135, 0.3269, 0.3343 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(186, 174, 170) }
```

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

```
.border{ border-color:rgb(186, 174, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 174, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6135, 0.3269, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 170) }
```

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

```
.background{ background-color: rgb(186,  
174, 170) }
```

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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