

Converting Colors

$Y_{xy}(43.8226, 0.3254, 0.3332)$

Have a look what the booklet for
Yxy(43.8226, 0.3254, 0.3332)
contains.

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Color

Yxy(44.0393, 0.3259, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	BAAFAB
RGB	186, 175, 171
RGB Percent	73%, 69%, 67%
CMY	0.2705, 0.3137, 0.3294
CMYK	0.00, 0.06, 0.08, 0.27
HSL	16°, 10%, 70%
HSV	16°, 8%, 73%
XYZ	42.9327, 44.0393, 44.7638
YIQ	177.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

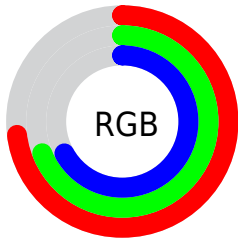
Format	Color
RYB	186, 176, 171
Decimal	12234667
CIELab	72.25, 3.23, 3.45
CIELCh	72, 4.724, 46.896
Yxy	44.0393, 0.3259, 0.3343
Android (android.graphics.Color)	4290424747 (0xFFBAAFAB)
YUV	177.8330, -3.3687, 7.1625
Hunter-Lab	66.3621, -0.6538, 6.4600

Details

The Yxy color **44.0393, 0.3259, 0.3343** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.6647, 0.3004, 0.3236**, and the grayscale version is **44.4448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5201, 0.3235, 0.3341**, and **20.4844, 0.3297, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **38.3355, 0.3451, 0.3413**, and if you desaturate by 10%, it is **50.3835, 0.3098, 0.3278**.

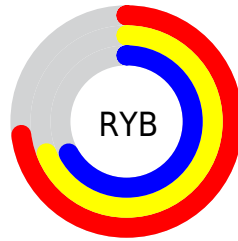
Distribution



Red (73%)

Green (69%)

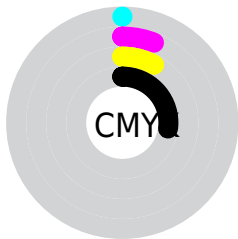
Blue (67%)



Red (73%)

Yellow (69%)

Blue (67%)

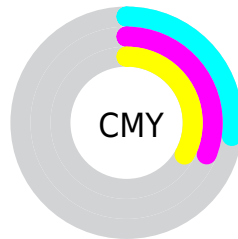


Cyan (0%)

Magenta (6%)

Yellow (8%)

Black (27%)



Cyan (27%)


Magenta (31%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0393, 0.3259, 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 44.0393, 0.3259, 0.3343 by changing the saturation by 10% instead.


 44.0393, 0.3259,
0.3343

 44.0393, 0.3259,
0.3343

362.8686, 0.3192,
0.3317

 30.7014, 0.3276,
0.3350


 81.2769, 0.3235,
0.3333

 20.3716, 0.3298,
0.3358

105.9453, 0.3225,
0.3330

 12.6654, 0.3327,
0.3369

135.1595, 0.3218,
0.3327

 7.1986, 0.3369,
0.3385

169.3036, 0.3211,
0.3324

 3.5866, 0.3433,
0.3408

208.7622, 0.3205,
0.3322

 1.4451, 0.3543,
0.3446

253.9197, 0.3201,

 0.2496, 0.5300,

0.3320

0.4186

305.1603, 0.3196,
0.3318

0.0000, 0.0000,
0.0000

44.0393, 0.3259,
0.3343

44.0393, 0.3259,
0.3343

38.3355, 0.3451,
0.3413

50.3835, 0.3098,
0.3278

33.2462, 0.3679,
0.3486

57.3814, 0.2964,
0.3218

28.7524, 0.3948,
0.3559

65.0531, 0.2851,
0.3163

24.8318, 0.4260,
0.3627

73.4162, 0.2755,
0.3113

21.4606, 0.4611,
0.3684

81.8939, 0.2719,
0.3162

■ 18.6135, 0.4990,
0.3718

■ 89.1811, 0.2731,
0.3289

■ 16.2629, 0.5370,
0.3719

■ 14.3785, 0.5716,
0.3679

■ 12.9232, 0.5992,
0.3600

Harmonies

Analogous

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



44.0393, 0.3235, 0.3285



44.0393, 0.3259, 0.3343



44.0393, 0.3248, 0.3388

Triad

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



44.0393, 0.3259, 0.3343



44.0393, 0.3073, 0.3353



44.0393, 0.3051, 0.3175

Complementary

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



44.0393, 0.3259, 0.3343



45.6647, 0.3004, 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.



44.0393, 0.3008, 0.3192



44.0393, 0.3259, 0.3343



44.0393, 0.3021, 0.3294

Square

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



44.0393, 0.3259, 0.3343



44.0393, 0.3140, 0.3395



44.0393, 0.2997, 0.3235



44.0393, 0.3114, 0.3189

Rectangle

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



44.0393, 0.3259, 0.3343



44.0393, 0.3221, 0.3404



44.0393, 0.2997, 0.3235



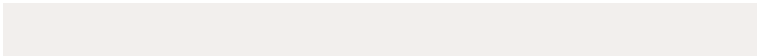
44.0393, 0.3033, 0.3177

Sweetspot

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



44.0412, 0.3259, 0.3343



86.6149, 0.3159, 0.3303



42.9542, 0.3168, 0.3143



19.1005, 0.3157, 0.3302



95.5105, 0.3127, 0.3290



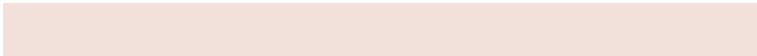
19.5994, 0.3127, 0.3290

Same Dimension

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



44.0412, 0.3259, 0.3343



77.5552, 0.3296, 0.3357



46.9442, 0.3250, 0.3437



9.3912, 0.3281, 0.3352



8.6407, 0.6018, 0.3603



0.4099, 0.5500, 0.4015

Inverse Universe

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



45.6647, 0.3004, 0.3236



81.2073, 0.2972, 0.3222



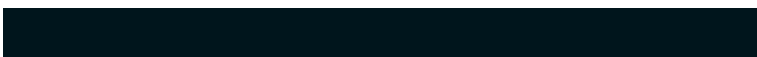
42.7670, 0.3004, 0.3138



9.7947, 0.2985, 0.3228



14.4408, 0.2004, 0.2413



0.6049, 0.2074, 0.2666

Previews

White Background



This preview shows how the Yxy color 44.0393, 0.3259, 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 44.0393, 0.3259, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

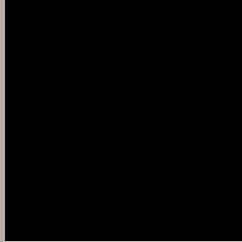
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

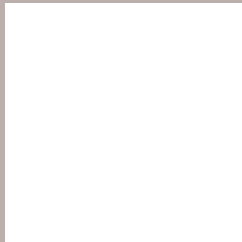
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0393, 0.3259, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 44.0393, 0.3259, 0.3343.



This preview shows how white text looks on a background with the Yxy color 44.0393, 0.3259, 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

44.0393, 0.3259, 0.3343

Protanopia

43.9743, 0.3213, 0.3343

Deuteranopia

43.8401, 0.3348, 0.3278



Tritanopia

44.1237, 0.3153, 0.3123

Trichromacy



Original Color

44.0393, 0.3259, 0.3343

Protanomaly

44.0965, 0.3222, 0.3343

Deuteranomaly

43.6901, 0.3309, 0.3291

Tritanomaly

44.1731, 0.3185, 0.3199

Monochromacy



Original Color

44.0393, 0.3259, 0.3343

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3632, 0.3179, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0393, 0.3259, 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, 175, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 175, 171)  
}
```

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, 175, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.0393, 0.3259, 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, 175, 171) }
```

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

```
.border{ border-color:rgb(186, 175, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 175, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 175, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 175, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 175,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0393, 0.3259, 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, 175, 171) }
```

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

```
.background{ background-color: rgb(186,  
175, 171) }
```

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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