

Converting Colors

$Yxy(43.8894, 0.3372, 0.3489)$

Have a look what the booklet for
Yxy(43.8894, 0.3372, 0.3489)
contains.

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Color

Yxy(43.8894, 0.3372, 0.3489)

Conversions

Conversions Part 1

Format	Color
Hex	BCAFA0
RGB	188, 175, 160
RGB Percent	74%, 69%, 63%
CMY	0.2626, 0.3137, 0.3726
CMYK	0.00, 0.07, 0.15, 0.26
HSL	32°, 17%, 68%
HSV	32°, 15%, 74%
XYZ	42.4176, 43.8894, 39.4866
YIQ	177.1770, 12.5630, -1.9090

Conversions

Conversions Part 2

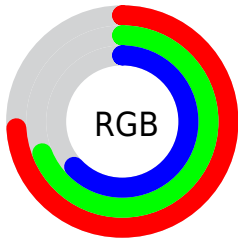
Format	Color
RYB	184, 188, 160
Decimal	12365728
CIELab	72.15, 2.12, 9.37
CIELCh	72, 9.603, 77.248
Yxy	43.8894, 0.3372, 0.3489
Android (android.graphics.Color)	4290555808 (0xFFBCAFA0)
YUV	177.1770, -8.4683, 9.4918
Hunter-Lab	66.2491, -1.6468, 11.0356

Details

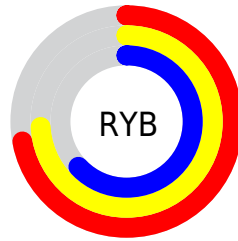
The Yxy color **43.8894, 0.3372, 0.3489** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.9964, 0.2896, 0.3083**, and the grayscale version is **44.1067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7330, 0.3323, 0.3445**, and **20.4209, 0.3442, 0.3544** is the 20% darker color. If you saturate the color by 10%, you get **39.9910, 0.3563, 0.3630**, and if you desaturate by 10%, it is **48.1112, 0.3203, 0.3354**.

Distribution



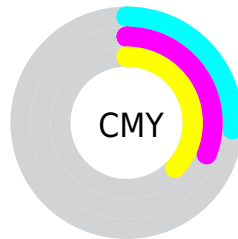
- Red (74%)
- Green (69%)
- Blue (63%)



- Red (72%)
- Yellow (74%)
- Blue (63%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (26%)





- Cyan (26%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8894, 0.3372, 0.3489 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 43.8894, 0.3372, 0.3489 by changing the saturation by 10% instead.

 43.8894, 0.3372,
0.3489

 43.8894, 0.3372,
0.3489


362.2568, 0.3248,
0.3389

 30.5836, 0.3403,
0.3514


 81.0513, 0.3327,
0.3453

 20.2820, 0.3444,
0.3546


 105.6761, 0.3310,
0.3439

 12.6002, 0.3499,
0.3589

134.8428, 0.3295,
0.3427

 7.1538, 0.3576,
0.3649

168.9356, 0.3283,
0.3418

 3.5585, 0.3693,
0.3739

208.3390, 0.3273,
0.3409

 1.4298, 0.3899,
0.3894

253.4374, 0.3263,

 0.2385, 0.5386,

0.3402

0.4614

304.6152, 0.3255,
0.3395

0.0000, 0.0000,
0.0000

43.8894, 0.3372,
0.3489

43.8894, 0.3372,
0.3489

39.9910, 0.3563,
0.3630

48.1112, 0.3203,
0.3354

36.4017, 0.3776,
0.3773

52.6588, 0.3054,
0.3226

33.1142, 0.4010,
0.3912

57.5420, 0.2923,
0.3108

30.1191, 0.4259,
0.4039

62.7683, 0.2809,
0.2999

27.4061, 0.4518,
0.4143

68.3449, 0.2709,
0.2898

■ 24.9639, 0.4772,
0.4210

■ 73.0789, 0.2713,
0.2987

■ 22.7804, 0.5008,
0.4231

■ 77.9911, 0.2722,
0.3084

■ 20.8415, 0.5210,
0.4199

■ 83.1495, 0.2731,
0.3180

■ 19.9374, 0.5305,
0.4170

■ 88.5574, 0.2740,
0.3274

Harmonies

Analogous

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



43.8894, 0.3397, 0.3396



43.8894, 0.3372, 0.3489



43.8894, 0.3281, 0.3530

Triad

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



43.8894, 0.3372, 0.3489



43.8894, 0.2911, 0.3295



43.8894, 0.3100, 0.3087

Complementary

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



43.8894, 0.3372, 0.3489



40.9964, 0.2896, 0.3083

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.



43.8894, 0.2972, 0.3058



43.8894, 0.3372, 0.3489



43.8894, 0.2865, 0.3175

Square

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



43.8894, 0.3372, 0.3489



43.8894, 0.3014, 0.3418



43.8894, 0.2887, 0.3089



43.8894, 0.3238, 0.3167

Rectangle

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



43.8894, 0.3372, 0.3489



43.8894, 0.3195, 0.3521



43.8894, 0.2887, 0.3089



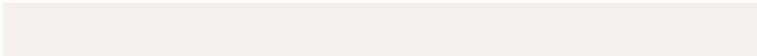
43.8894, 0.3055, 0.3071

Sweetspot

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



43.8913, 0.3372, 0.3489



87.8430, 0.3189, 0.3343



38.8513, 0.3279, 0.3117



18.7608, 0.3201, 0.3352



95.5105, 0.3127, 0.3290



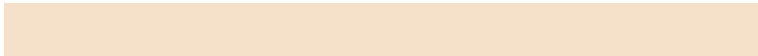
19.5994, 0.3127, 0.3290

Same Dimension

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



43.8913, 0.3372, 0.3489



77.0687, 0.3434, 0.3536



49.0910, 0.3339, 0.3655



10.3594, 0.3275, 0.3413



13.7206, 0.5288, 0.4184



0.6672, 0.4958, 0.4445

Inverse Universe

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



40.9964, 0.2896, 0.3083



70.7844, 0.2842, 0.3031



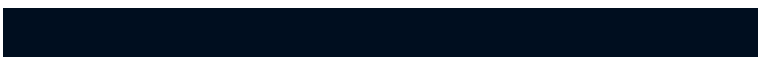
36.3376, 0.2898, 0.2899



9.9363, 0.2984, 0.3164



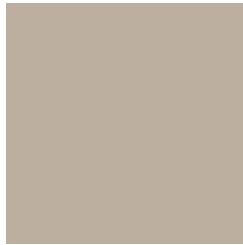
7.2971, 0.1745, 0.1482



0.4168, 0.1873, 0.1941

Previews

White Background



This preview shows how the Yxy color 43.8894, 0.3372, 0.3489 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 43.8894, 0.3372, 0.3489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

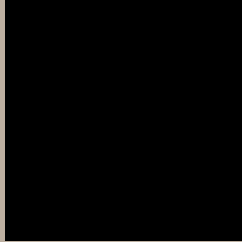
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

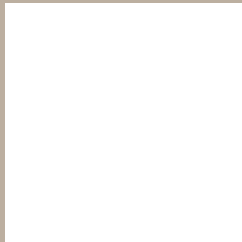
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8894, 0.3372, 0.3489

Background



This preview shows how black text looks on a background with the Yxy color 43.8894, 0.3372, 0.3489.



This preview shows how white text looks on a background with the Yxy color 43.8894, 0.3372, 0.3489.

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

43.8894, 0.3372, 0.3489

Protanopia

43.8142, 0.3324, 0.3491

Deuteranopia

43.9784, 0.3484, 0.3419



Tritanopia

43.7050, 0.3189, 0.3111

Trichromacy



Original Color

43.8894, 0.3372, 0.3489

Protanomaly

43.9382, 0.3334, 0.3490

Deuteranomaly

43.8140, 0.3444, 0.3433

Tritanomaly

43.5868, 0.3256, 0.3239

Monochromacy



Original Color

43.8894, 0.3372, 0.3489

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8147, 0.3213, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8894, 0.3372, 0.3489 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(188, 175, 160)` looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 160)  
}
```

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(188, 175, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 160) }
```

Border

The CSS property to change the border of an element to Yxy 43.8894, 0.3372, 0.3489 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(188, 175, 160) }
```

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

```
.border{ border-color:rgb(188, 175, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 175, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 175, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 175, 160);  
box-shadow:4px 4px 4px 4px rgb(188, 175,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8894, 0.3372, 0.3489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 160) }
```

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

```
.background{ background-color: rgb(188,  
175, 160) }
```

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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