

Converting Colors

$Yxy(44.7334, 0.3351, 0.3630)$

Have a look what the booklet for
Yxy(44.7334, 0.3351, 0.3630)
contains.

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Color

Yxy(44.9207, 0.3358, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	B6B49A
RGB	182, 180, 154
RGB Percent	71%, 71%, 60%
CMY	0.2863, 0.2941, 0.3962
CMYK	0.00, 0.01, 0.15, 0.29
HSL	56°, 16%, 66%
HSV	56°, 15%, 71%
XYZ	41.4406, 44.9207, 37.0472
YIQ	177.6340, 9.5380, -7.6620

Conversions

Conversions Part 2

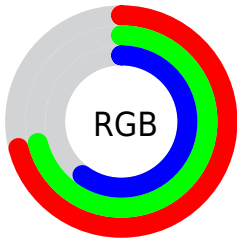
Format	Color
R _Y B	156, 182, 154
Decimal	11973786
CIE Lab	72.84, -3.79, 13.55
CIE LCh	73, 14.067, 105.629
Yxy	44.9207, 0.3358, 0.3640
Android (android.graphics.Color)	4290163866 (0xFFB6B49A)
YUV	177.6340, -11.6516, 3.8290
Hunter-Lab	67.0229, -6.9227, 14.1432

Details

The Yxy color **44.9207, 0.3358, 0.3640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.0035, 0.2883, 0.2914**, and the grayscale version is **44.3752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7221, 0.3318, 0.3582**, and **20.8251, 0.3424, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **43.8470, 0.3514, 0.3873**, and if you desaturate by 10%, it is **46.0951, 0.3206, 0.3410**.

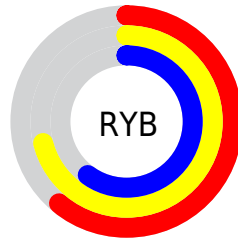
Distribution



Red (71%)

Green (71%)

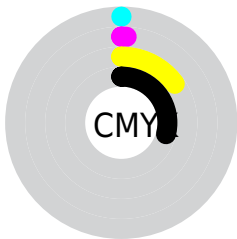
Blue (60%)



Red (61%)

Yellow (71%)

Blue (60%)

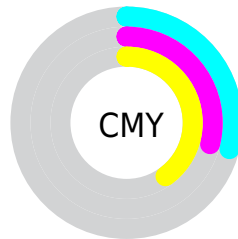


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (29%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9207, 0.3358, 0.3640 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 44.9207, 0.3358, 0.3640 by changing the saturation by 10% instead.

 44.9207, 0.3358,
0.3640

 44.9207, 0.3358,
0.3640


366.4523, 0.3243,
0.3463

 31.3950, 0.3387,
0.3685


 82.6014, 0.3316,
0.3575

 20.8998, 0.3423,
0.3743


 107.5252, 0.3300,
0.3551

 13.0508, 0.3472,
0.3821

137.0171, 0.3287,
0.3530

 7.4635, 0.3539,
0.3932

171.4615, 0.3276,
0.3513

 3.7536, 0.3637,
0.4098

211.2428, 0.3266,
0.3498

 1.5367, 0.3838,
0.4431

256.7455, 0.3257,

 0.3144, 0.3962,

0.3484

0.6038

308.3538, 0.3250,
0.3473

0.0000, 0.0000,
0.0000

44.9207, 0.3358,
0.3640

44.9207, 0.3358,
0.3640

43.8470, 0.3514,
0.3873

46.0951, 0.3206,
0.3410

42.8638, 0.3670,
0.4103

47.3681, 0.3062,
0.3190

41.9688, 0.3821,
0.4321

48.7454, 0.2926,
0.2981

41.1570, 0.3961,
0.4517

50.2304, 0.2801,
0.2786

40.4232, 0.4083,
0.4683

51.8263, 0.2687,
0.2607

■ 39.7613, 0.4183,
0.4811

■ 52.9993, 0.2629,
0.2522

■ 39.1644, 0.4257,
0.4896

■ 53.5477, 0.2631,
0.2537

■ 38.6240, 0.4304,
0.4938

■ 54.1009, 0.2632,
0.2552

■ 38.3851, 0.4322,
0.4951

■ 54.6590, 0.2634,
0.2567

Harmonies

Analogous

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



44.9207, 0.3488, 0.3571



44.9207, 0.3358, 0.3640



44.9207, 0.3168, 0.3610

Triad

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



44.9207, 0.3358, 0.3640



44.9207, 0.2750, 0.3128



44.9207, 0.3278, 0.3105

Complementary

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



44.9207, 0.3358, 0.3640



34.0035, 0.2883, 0.2914

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.



44.9207, 0.3076, 0.2994



44.9207, 0.3358, 0.3640



44.9207, 0.2776, 0.3002

Square

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



44.9207, 0.3358, 0.3640



44.9207, 0.2820, 0.3306



44.9207, 0.2894, 0.2956



44.9207, 0.3442, 0.3263

Rectangle

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



44.9207, 0.3358, 0.3640



44.9207, 0.3035, 0.3536



44.9207, 0.2894, 0.2956



44.9207, 0.3212, 0.3061

Sweetspot

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



44.9227, 0.3358, 0.3640



83.6554, 0.3202, 0.3404



35.4572, 0.3388, 0.3258



18.4426, 0.3212, 0.3419



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.9227, 0.3358, 0.3640



80.8753, 0.3403, 0.3708



44.3621, 0.3250, 0.3678



10.3922, 0.3265, 0.3500



27.1534, 0.4320, 0.4952



0.9898, 0.4284, 0.4980

Inverse Universe

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



34.0035, 0.2883, 0.2914



57.7986, 0.2832, 0.2835



34.5488, 0.2990, 0.2898



8.8183, 0.2984, 0.3071



2.6232, 0.1515, 0.0653



0.1269, 0.1573, 0.0862

Previews

White Background



This preview shows how the Yxy color 44.9207, 0.3358, 0.3640 looks on a white background.

Color Contrast Check

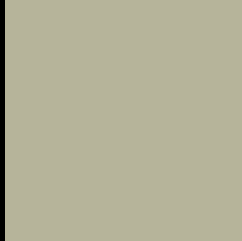
Large Text (above 18pt) WCAG AA × Fail

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 44.9207, 0.3358, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

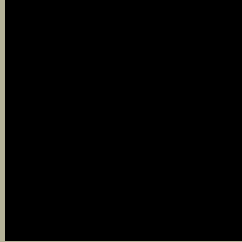
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

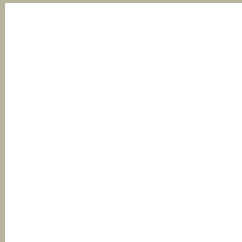
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9207, 0.3358, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 44.9207, 0.3358, 0.3640.



This preview shows how white text looks on a background with the Yxy color 44.9207, 0.3358, 0.3640.

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

44.9207, 0.3358, 0.3640

Protanopia

44.8321, 0.3426, 0.3621

Deuteranopia

44.7427, 0.3565, 0.3493



Tritanopia

44.8989, 0.3118, 0.3111

Trichromacy



Original Color

44.9207, 0.3358, 0.3640

Protanomaly

44.9792, 0.3405, 0.3636

Deuteranomaly

44.7623, 0.3490, 0.3550

Tritanomaly

44.8932, 0.3206, 0.3303

Monochromacy



Original Color

44.9207, 0.3358, 0.3640

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.6885, 0.3208, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9207, 0.3358, 0.3640 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(182, 180, 154)` looks like.

```
.text, #text, p{  
    color:rgb(182, 180, 154)  
}
```

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(182, 180, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 180, 154) }
```

Border

The CSS property to change the border of an element to Yxy 44.9207, 0.3358, 0.3640 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(182, 180, 154) }
```

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

```
.border{ border-color:rgb(182, 180, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 180, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 180, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 180, 154);  
box-shadow:4px 4px 4px 4px rgb(182, 180,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9207, 0.3358, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 180, 154) }
```

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

```
.background{ background-color: rgb(182,  
180, 154) }
```

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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