

Converting Colors

Yxy(44.5902, 0.3459, 0.3579)

Have a look what the booklet for
Yxy(44.5902, 0.3459, 0.3579)
contains.

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Color

Yxy(44.5902, 0.3459, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	C0B09A
RGB	192, 176, 154
RGB Percent	75%, 69%, 60%
CMY	0.2471, 0.3098, 0.3961
CMYK	0.00, 0.08, 0.20, 0.25
HSL	35°, 23%, 68%
HSV	35°, 20%, 75%
XYZ	43.0951, 44.5902, 36.9031
YIQ	178.2760, 16.5980, -3.4500

Conversions

Conversions Part 2

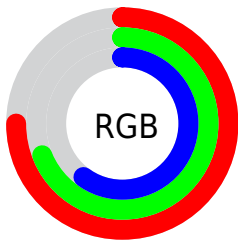
Format	Color
RYB	182, 192, 154
Decimal	12628122
CIELab	72.62, 2.13, 13.35
CIELCh	73, 13.521, 80.929
Yxy	44.5902, 0.3459, 0.3579
Android (android.graphics.Color)	4290818202 (0xFFC0B09A)
YUV	178.2760, -11.9681, 12.0359
Hunter-Lab	66.7759, -1.6593, 13.9770

Details

The Yxy color **44.5902, 0.3459, 0.3579** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4181, 0.2816, 0.2983**, and the grayscale version is **44.7331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4070, 0.3402, 0.3535**, and **20.7978, 0.3550, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **40.9283, 0.3656, 0.3733**, and if you desaturate by 10%, it is **48.5470, 0.3282, 0.3429**.

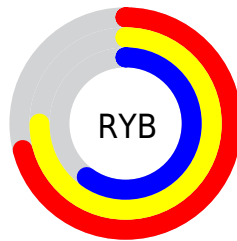
Distribution



Red (75%)

Green (69%)

Blue (60%)



Red (71%)

Yellow (75%)

Blue (60%)

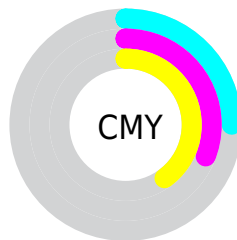


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (25%)



Cyan (25%)


Magenta (31%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5902, 0.3459, 0.3579 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 44.5902, 0.3459, 0.3579 by changing the saturation by 10% instead.


 44.5902, 0.3459,
0.3579

 44.5902, 0.3459,
0.3579


365.1113, 0.3292,
0.3434

 31.1348, 0.3501,
0.3615


 82.1051, 0.3398,
0.3527

 20.7015, 0.3556,
0.3661


 106.9334, 0.3375,
0.3507

 12.9060, 0.3628,
0.3722


136.3214, 0.3356,
0.3490

 7.3638, 0.3730,
0.3807

170.6535, 0.3339,
0.3476

 3.6907, 0.3882,
0.3931

210.3142, 0.3325,
0.3463

 1.5021, 0.4183,
0.4181

255.6878, 0.3312,

 0.2902, 0.5305,

0.3453

0.4695

307.1587, 0.3301,
0.3443

0.0000, 0.0000,
0.0000

44.5902, 0.3459,
0.3579

44.5902, 0.3459,
0.3579

40.9283, 0.3656,
0.3733

48.5470, 0.3282,
0.3429

37.5471, 0.3871,
0.3886

52.8004, 0.3124,
0.3287

34.4402, 0.4102,
0.4030

57.3597, 0.2985,
0.3154

31.5982, 0.4342,
0.4156

62.2321, 0.2862,
0.3030

29.0114, 0.4581,
0.4253

67.4241, 0.2753,
0.2917

■ 26.6687, 0.4807,
0.4308

■ 71.9945, 0.2733,
0.2956

■ 24.5579, 0.5006,
0.4312

■ 76.4529, 0.2741,
0.3046

■ 22.6587, 0.5176,
0.4270

■ 81.1205, 0.2749,
0.3135

■ 22.6216, 0.5180,
0.4269

■ 86.0002, 0.2757,
0.3222

Harmonies

Analogous

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



44.5902, 0.3508, 0.3454



44.5902, 0.3459, 0.3579



44.5902, 0.3320, 0.3629

Triad

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



44.5902, 0.3459, 0.3579



44.5902, 0.2813, 0.3274



44.5902, 0.3113, 0.3019

Complementary

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



44.5902, 0.3459, 0.3579



39.4181, 0.2816, 0.2983

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.



44.5902, 0.2930, 0.2968



44.5902, 0.3459, 0.3579



44.5902, 0.2761, 0.3108

Square

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



44.5902, 0.3459, 0.3579



44.5902, 0.2948, 0.3450



44.5902, 0.2803, 0.2999



44.5902, 0.3304, 0.3136

Rectangle

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



44.5902, 0.3459, 0.3579



44.5902, 0.3197, 0.3609



44.5902, 0.2803, 0.2999



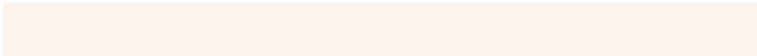
44.5902, 0.3048, 0.2994

Sweetspot

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



44.5922, 0.3459, 0.3579



90.7538, 0.3221, 0.3376



37.2345, 0.3351, 0.3074



19.3623, 0.3232, 0.3385



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.5922, 0.3459, 0.3579



77.6891, 0.3547, 0.3649



50.9094, 0.3400, 0.3780



11.0251, 0.3275, 0.3423



15.3791, 0.5164, 0.4282



0.7984, 0.4892, 0.4498

Inverse Universe

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



39.4181, 0.2816, 0.2983



66.5154, 0.2740, 0.2902



34.0347, 0.2824, 0.2756



10.4289, 0.2984, 0.3153



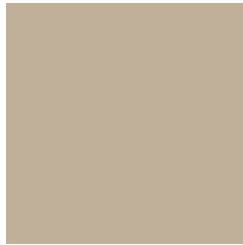
6.6463, 0.1707, 0.1343



0.4233, 0.1831, 0.1790

Previews

White Background



This preview shows how the Yxy color 44.5902, 0.3459, 0.3579 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 44.5902, 0.3459, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

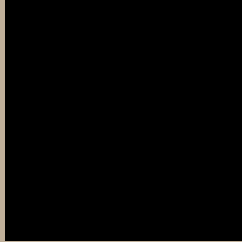
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

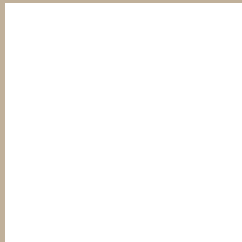
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5902, 0.3459, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 44.5902, 0.3459, 0.3579.



This preview shows how white text looks on a background with the Yxy color 44.5902, 0.3459, 0.3579.

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

44.5902, 0.3459, 0.3579

Protanopia

44.7721, 0.3399, 0.3595

Deuteranopia

44.7090, 0.3574, 0.3506



Tritanopia

44.7436, 0.3233, 0.3126

Trichromacy



Original Color

44.5902, 0.3459, 0.3579

Protanomaly

44.6297, 0.3420, 0.3581

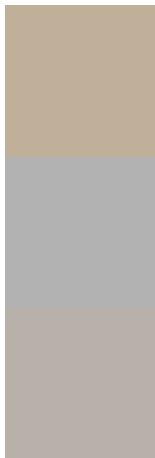
Deuteranomaly

44.5331, 0.3533, 0.3521

Tritanomaly

44.5452, 0.3318, 0.3278

Monochromacy



Original Color

44.5902, 0.3459, 0.3579

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3761, 0.3246, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5902, 0.3459, 0.3579 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(192, 176, 154)` looks like.

```
.text, #text, p{  
    color:rgb(192, 176, 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(192, 176, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 176, 154) }
```

Border

The CSS property to change the border of an element to Yxy 44.5902, 0.3459, 0.3579 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(192, 176, 154) }
```

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

```
.border{ border-color:rgb(192, 176, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 176, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 176, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 176, 154);  
box-shadow:4px 4px 4px 4px rgb(192, 176,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5902, 0.3459, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 176, 154) }
```

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

```
.background{ background-color: rgb(192,  
176, 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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