

Converting Colors

$Yxy(39.7727, 0.3453, 0.3465)$

Have a look what the booklet for
Yxy(39.7727, 0.3453, 0.3465)
contains.

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Color

Yxy(39.7421, 0.3455, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	BBA598
RGB	187, 165, 152
RGB Percent	73%, 65%, 60%
CMY	0.2667, 0.3529, 0.4038
CMYK	0.00, 0.12, 0.19, 0.27
HSL	22°, 20%, 66%
HSV	22°, 19%, 73%
XYZ	39.6160, 39.7421, 35.3047
YIQ	170.0960, 17.2850, 0.6210

Conversions

Conversions Part 2

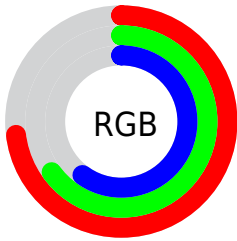
Format	Color
RYB	187, 173, 152
Decimal	12297624
CIELab	69.29, 5.88, 9.64
CIELCh	69, 11.296, 58.621
Yxy	39.7421, 0.3455, 0.3466
Android (android.graphics.Color)	4290487704 (0xFFBBA598)
YUV	170.0960, -8.9213, 14.8248
Hunter-Lab	63.0413, 1.8493, 10.9251

Details

The Yxy color **39.7421, 0.3455, 0.3466** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5454, 0.2840, 0.3107**, and the grayscale version is **40.2890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6973, 0.3391, 0.3437**, and **17.7364, 0.3553, 0.3515** is the 20% darker color. If you saturate the color by 10%, you get **35.1291, 0.3673, 0.3567**, and if you desaturate by 10%, it is **44.8454, 0.3268, 0.3369**.

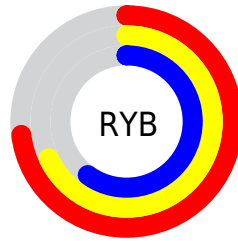
Distribution



Red (73%)

Green (65%)

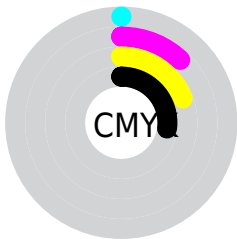
Blue (60%)



Red (73%)

Yellow (68%)

Blue (60%)

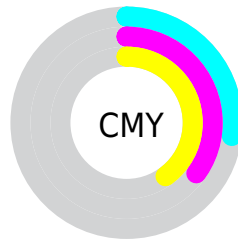


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7421, 0.3455, 0.3466 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 39.7421, 0.3455, 0.3466 by changing the saturation by 10% instead.


 39.7421, 0.3455,
0.3466


 39.7421, 0.3455,
0.3466


345.0354, 0.3286,
0.3378

 27.3375, 0.3499,
0.3488


 74.7706, 0.3392,
0.3434

 17.8269, 0.3557,
0.3517


 98.1634, 0.3369,
0.3422

 10.8258, 0.3635,
0.3555


125.9876, 0.3350,
0.3411

 5.9498, 0.3748,
0.3607

158.6278, 0.3333,
0.3403

 2.8146, 0.3925,
0.3685

196.4682, 0.3319,
0.3395

 1.0357, 0.4377,
0.3933

239.8934, 0.3306,

 0.0000, 1.0000,

0.3389

0.0000

289.2876, 0.3295,
0.3383

0.0000, 0.0000,
0.0000

39.7421, 0.3455,
0.3466

39.7421, 0.3455,
0.3466

35.1291, 0.3673,
0.3567

44.8454, 0.3268,
0.3369

30.9861, 0.3925,
0.3667

50.4480, 0.3108,
0.3278

27.2990, 0.4210,
0.3762

56.5652, 0.2971,
0.3194

24.0512, 0.4524,
0.3843

63.2102, 0.2854,
0.3117

21.2247, 0.4857,
0.3898

70.3956, 0.2755,
0.3046

■ 18.8002, 0.5188,
0.3915

■ 77.5248, 0.2716,
0.3078

■ 16.7563, 0.5491,
0.3883

■ 84.5047, 0.2728,
0.3207

■ 15.0655, 0.5746,
0.3805

■ 89.3030, 0.2736,
0.3289

■ 14.8669, 0.5778,
0.3794

Harmonies

Analogous

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



39.7421, 0.3429, 0.3331



39.7421, 0.3455, 0.3466



39.7421, 0.3391, 0.3560

Triad

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



39.7421, 0.3455, 0.3466



39.7421, 0.2936, 0.3392



39.7421, 0.2994, 0.3014

Complementary

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



39.7421, 0.3455, 0.3466



40.5454, 0.2840, 0.3107

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.



39.7421, 0.2867, 0.3023



39.7421, 0.3455, 0.3466



39.7421, 0.2835, 0.3237

Square

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



39.7421, 0.3455, 0.3466



39.7421, 0.3089, 0.3520



39.7421, 0.2810, 0.3103



39.7421, 0.3159, 0.3075

Rectangle

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



39.7421, 0.3455, 0.3466



39.7421, 0.3307, 0.3583



39.7421, 0.2810, 0.3103



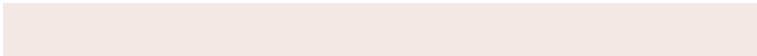
39.7421, 0.2945, 0.3009

Sweetspot

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



39.7439, 0.3455, 0.3466



82.8464, 0.3224, 0.3345



36.0946, 0.3268, 0.2995



18.1031, 0.3235, 0.3351



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.



39.7439, 0.3455, 0.3466



68.0629, 0.3531, 0.3503



46.4210, 0.3415, 0.3690



10.1007, 0.3279, 0.3376



10.3730, 0.5756, 0.3811



0.5327, 0.5302, 0.4172

Inverse Universe

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



40.5454, 0.2840, 0.3107



69.7334, 0.2784, 0.3067



34.2782, 0.2827, 0.2856



10.1981, 0.2985, 0.3203



11.4781, 0.1901, 0.2042



0.5709, 0.1993, 0.2375

Previews

White Background



This preview shows how the Yxy color 39.7421, 0.3455, 0.3466 looks on a white background.

Color Contrast Check

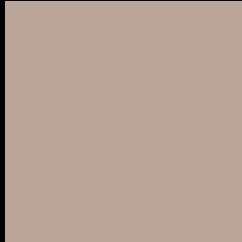
Large Text (above 18pt) WCAG AA × Fail

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 39.7421, 0.3455, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

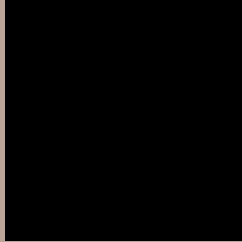
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7421, 0.3455, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 39.7421, 0.3455, 0.3466.



This preview shows how white text looks on a background with the Yxy color 39.7421, 0.3455, 0.3466.

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

39.7421, 0.3455, 0.3466

Protanopia

39.9391, 0.3323, 0.3499

Deuteranopia

39.6679, 0.3510, 0.3437



Tritanopia

39.8438, 0.3287, 0.3133

Trichromacy



Original Color

39.7421, 0.3455, 0.3466

Protanomaly

40.0085, 0.3372, 0.3497

Deuteranomaly

39.7651, 0.3487, 0.3452

Tritanomaly

39.7664, 0.3349, 0.3251

Monochromacy



Original Color

39.7421, 0.3455, 0.3466

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.8797, 0.3245, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7421, 0.3455, 0.3466 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(187, 165, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 152)  
}
```

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(187, 165, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 152) }
```

Border

The CSS property to change the border of an element to Yxy 39.7421, 0.3455, 0.3466 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(187, 165, 152) }
```

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

```
.border{ border-color:rgb(187, 165, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 165, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 165, 152);  
box-shadow:4px 4px 4px 4px rgb(187, 165,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7421, 0.3455, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 152) }
```

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

```
.background{ background-color: rgb(187,  
165, 152) }
```

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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