

Converting Colors

Yxy(38.6169, 0.3478, 0.3425)

Have a look what the booklet for
Yxy(38.6169, 0.3478, 0.3425)
contains.

Yxy(38.7990, 0.3473, 0.3426)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.7990, 0.3473, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	BCA298
RGB	188, 162, 152
RGB Percent	74%, 64%, 60%
CMY	0.2626, 0.3647, 0.4039
CMYK	0.00, 0.14, 0.19, 0.26
HSL	17°, 21%, 67%
HSV	17°, 19%, 74%
XYZ	39.3313, 38.7990, 35.1184
YIQ	168.6340, 18.7060, 2.4020

Conversions

Conversions Part 2

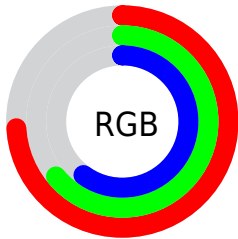
Format	Color
R _Y B	188, 166, 152
Decimal	12362392
CIE Lab	68.61, 7.92, 8.71
CIE LCh	69, 11.772, 47.745
Yxy	38.7990, 0.3473, 0.3426
Android (android.graphics.Color)	4290552472 (0xFFBCA298)
YUV	168.6340, -8.2006, 16.9840
Hunter-Lab	62.2888, 3.7054, 10.1745

Details

The Yxy color **38.7990, 0.3473, 0.3426** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1577, 0.2836, 0.3150**, and the grayscale version is **39.5222, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4944, 0.3411, 0.3406**, and **17.1598, 0.3580, 0.3459** is the 20% darker color. If you saturate the color by 10%, you get **33.7029, 0.3704, 0.3502**, and if you desaturate by 10%, it is **44.5133, 0.3278, 0.3353**.

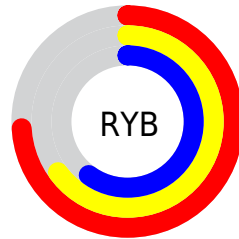
Distribution



Red (74%)

Green (64%)

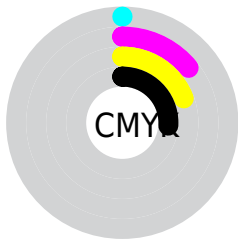
Blue (60%)



Red (74%)

Yellow (65%)

Blue (60%)

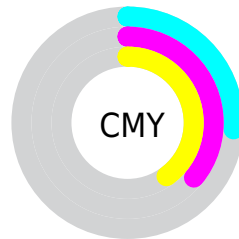


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7990, 0.3473, 0.3426 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 38.7990, 0.3473, 0.3426 by changing the saturation by 10% instead.


 38.7990, 0.3473,
0.3426


 38.7990, 0.3473,
0.3426


341.0352, 0.3294,
0.3358

 26.6034, 0.3520,
0.3443


 73.3312, 0.3406,
0.3401

 17.2756, 0.3582,
0.3464


 96.4365, 0.3382,
0.3392

 10.4312, 0.3666,
0.3493


123.9472, 0.3361,
0.3384

 5.6858, 0.3788,
0.3531

156.2477, 0.3344,
0.3378

 2.6550, 0.3981,
0.3587

193.7223, 0.3328,
0.3372

 0.9544, 0.4488,
0.3805

236.7555, 0.3315,

 0.0000, 1.0000,

0.3367

0.0000

285.7317, 0.3304,
0.3362

0.0000, 0.0000,
0.0000

38.7990, 0.3473,
0.3426

38.7990, 0.3473,
0.3426

33.7029, 0.3704,
0.3502

44.5133, 0.3278,
0.3353

29.1987, 0.3976,
0.3578

50.8603, 0.3115,
0.3284

25.2661, 0.4290,
0.3649

57.8609, 0.2977,
0.3221

21.8814, 0.4641,
0.3706

65.5332, 0.2862,
0.3163

19.0194, 0.5017,
0.3739

73.8946, 0.2764,
0.3111

■ 16.6525, 0.5391,
0.3737

■ 82.3140, 0.2730,
0.3165

■ 14.7504, 0.5727,
0.3692

■ 89.4349, 0.2742,
0.3289

■ 13.2744, 0.5996,
0.3611

■ 13.1680, 0.6017,
0.3604

Harmonies

Analogous

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



38.7990, 0.3411, 0.3277



38.7990, 0.3473, 0.3426



38.7990, 0.3439, 0.3545

Triad

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



38.7990, 0.3473, 0.3426



38.7990, 0.2980, 0.3452



38.7990, 0.2932, 0.2995

Complementary

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



38.7990, 0.3473, 0.3426



42.1577, 0.2836, 0.3150

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.



38.7990, 0.2823, 0.3032



38.7990, 0.3473, 0.3426



38.7990, 0.2850, 0.3293

Square

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



38.7990, 0.3473, 0.3426



38.7990, 0.3151, 0.3565



38.7990, 0.2793, 0.3139



38.7990, 0.3095, 0.3034

Rectangle

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



38.7990, 0.3473, 0.3426



38.7990, 0.3367, 0.3589



38.7990, 0.2793, 0.3139



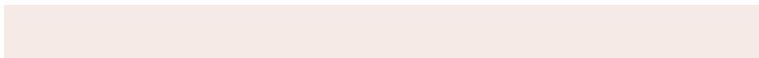
38.7990, 0.2888, 0.2999

Sweetspot

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



38.8007, 0.3473, 0.3426



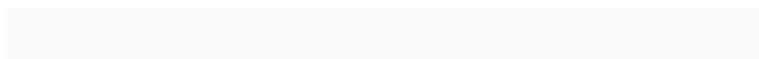
84.0493, 0.3225, 0.3331



36.3804, 0.3238, 0.2941



17.9172, 0.3236, 0.3336



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.



38.8007, 0.3473, 0.3426



66.2738, 0.3566, 0.3458



45.4507, 0.3431, 0.3655



9.9559, 0.3282, 0.3354



9.0720, 0.5995, 0.3622



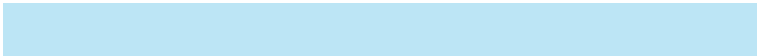
0.4695, 0.5509, 0.4008

Inverse Universe

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



42.1577, 0.2836, 0.3150



73.4684, 0.2773, 0.3116



35.5878, 0.2821, 0.2896



10.3496, 0.2985, 0.3225



14.5554, 0.1993, 0.2373



0.6747, 0.2061, 0.2618

Previews

White Background



This preview shows how the Yxy color 38.7990, 0.3473, 0.3426 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 38.7990, 0.3473, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

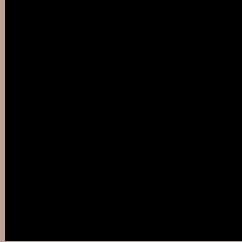
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7990, 0.3473, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 38.7990, 0.3473, 0.3426.



This preview shows how white text looks on a background with the Yxy color 38.7990, 0.3473, 0.3426.

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

38.7990, 0.3473, 0.3426

Protanopia

38.8882, 0.3288, 0.3459

Deuteranopia

38.9265, 0.3483, 0.3426



Tritanopia

38.6837, 0.3318, 0.3132

Trichromacy



Original Color

38.7990, 0.3473, 0.3426

Protanomaly

38.7083, 0.3349, 0.3443

Deuteranomaly

38.9265, 0.3483, 0.3426

Tritanomaly

38.6408, 0.3373, 0.3237

Monochromacy



Original Color

38.7990, 0.3473, 0.3426

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1469, 0.3247, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7990, 0.3473, 0.3426 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, 162, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 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(188, 162, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 152) }
```

Border

The CSS property to change the border of an element to Yxy 38.7990, 0.3473, 0.3426 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, 162, 152) }
```

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

```
.border{ border-color:rgb(188, 162, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 162, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7990, 0.3473, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 152) }
```

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

```
.background{ background-color: rgb(188,  
162, 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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