

Converting Colors

$Yxy(41.1046, 0.3405, 0.3423)$

Have a look what the booklet for
Yxy(41.1046, 0.3405, 0.3423)
contains.

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Color

Yxy(41.1653, 0.3403, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	BCA89E
RGB	188, 168, 158
RGB Percent	74%, 66%, 62%
CMY	0.2628, 0.3412, 0.3803
CMYK	0.00, 0.11, 0.16, 0.26
HSL	20°, 18%, 68%
HSV	20°, 16%, 74%
XYZ	40.9128, 41.1653, 38.1476
YIQ	172.8400, 15.1300, 1.1300

Conversions

Conversions Part 2

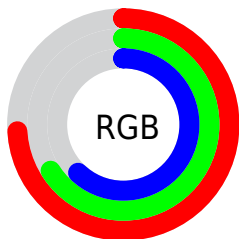
Format	Color
RYB	188, 173, 158
Decimal	12363934
CIELab	70.29, 5.58, 7.79
CIELCh	70, 9.576, 54.384
Yxy	41.1653, 0.3403, 0.3424
Android (android.graphics.Color)	4290554014 (0xFFBCA89E)
YUV	172.8400, -7.3161, 13.2953
Hunter-Lab	64.1602, 1.5432, 9.6602

Details

The Yxy color **41.1653, 0.3403, 0.3424** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7458, 0.2884, 0.3152**, and the grayscale version is **41.7367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8125, 0.3345, 0.3394**, and **18.6207, 0.3477, 0.3457** is the 20% darker color. If you saturate the color by 10%, you get **36.1601, 0.3616, 0.3514**, and if you desaturate by 10%, it is **46.7196, 0.3222, 0.3338**.

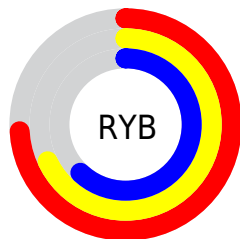
Distribution



Red (74%)

Green (66%)

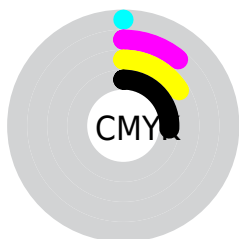
Blue (62%)



Red (74%)

Yellow (68%)

Blue (62%)

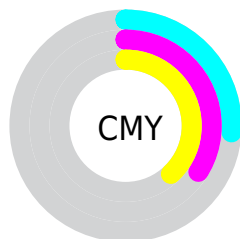


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1653, 0.3403, 0.3424 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 41.1653, 0.3403, 0.3424 by changing the saturation by 10% instead.


 41.1653, 0.3403,
0.3424


 41.1653, 0.3403,
0.3424


351.0110, 0.3262,
0.3357

 28.4483, 0.3440,
0.3441


 76.9348, 0.3351,
0.3400

 18.6638, 0.3487,
0.3462


 100.7560, 0.3331,
0.3391

 11.4276, 0.3552,
0.3491


129.0474, 0.3315,
0.3383

 6.3552, 0.3645,
0.3530

162.1934, 0.3301,
0.3376

 3.0623, 0.3789,
0.3589

200.5783, 0.3289,
0.3370

 1.1643, 0.4072,
0.3709

244.5867, 0.3279,

 0.0323, 0.8379,

0.3365

0.1621

294.6028, 0.3270,
0.3361

0.0000, 0.0000,
0.0000

41.1653, 0.3403,
0.3424

41.1653, 0.3403,
0.3424

36.1601, 0.3616,
0.3514

46.7196, 0.3222,
0.3338

31.6813, 0.3865,
0.3605

52.8336, 0.3068,
0.3258

27.7129, 0.4151,
0.3693

59.5248, 0.2937,
0.3184

24.2357, 0.4472,
0.3769

66.8082, 0.2827,
0.3117

21.2296, 0.4818,
0.3824

74.6980, 0.2732,
0.3055

■ 18.6725, 0.5170,
0.3845

■ 82.1470, 0.2729,
0.3162

■ 16.5405, 0.5501,
0.3820

■ 89.4300, 0.2742,
0.3289

■ 14.8063, 0.5778,
0.3748

■ 14.2034, 0.5880,
0.3713

Harmonies

Analogous

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



41.1653, 0.3370, 0.3308



41.1653, 0.3403, 0.3424



41.1653, 0.3360, 0.3508

Triad

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



41.1653, 0.3403, 0.3424



41.1653, 0.2983, 0.3393



41.1653, 0.2998, 0.3055

Complementary

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



41.1653, 0.3403, 0.3424



42.7458, 0.2884, 0.3152

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.



41.1653, 0.2898, 0.3072



41.1653, 0.3403, 0.3424



41.1653, 0.2890, 0.3265

Square

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



41.1653, 0.3403, 0.3424



41.1653, 0.3116, 0.3493



41.1653, 0.2859, 0.3147



41.1653, 0.3134, 0.3099

Rectangle

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



41.1653, 0.3403, 0.3424



41.1653, 0.3295, 0.3534



41.1653, 0.2859, 0.3147



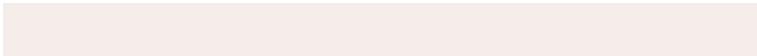
41.1653, 0.2959, 0.3054

Sweetspot

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



41.1671, 0.3403, 0.3424



85.5932, 0.3207, 0.3331



38.3866, 0.3231, 0.3021



18.2459, 0.3219, 0.3337



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.



41.1671, 0.3403, 0.3424



71.4499, 0.3471, 0.3454



46.8189, 0.3374, 0.3611



10.0417, 0.3280, 0.3367



9.7951, 0.5858, 0.3731



0.5064, 0.5383, 0.4107

Inverse Universe

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



42.7458, 0.2884, 0.3152



74.8335, 0.2832, 0.3120



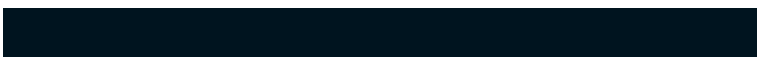
37.2808, 0.2875, 0.2947



10.2594, 0.2985, 0.3212



12.6639, 0.1938, 0.2177



0.6116, 0.2021, 0.2474

Previews

White Background



This preview shows how the Yxy color 41.1653, 0.3403, 0.3424 looks on a white background.

Color Contrast Check

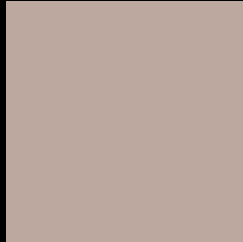
Large Text (above 18pt) WCAG AA × Fail

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 41.1653, 0.3403, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

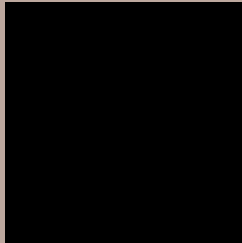
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1653, 0.3403, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 41.1653, 0.3403, 0.3424.



This preview shows how white text looks on a background with the Yxy color 41.1653, 0.3403, 0.3424.

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

41.1653, 0.3403, 0.3424

Protanopia

41.1289, 0.3285, 0.3441

Deuteranopia

41.2104, 0.3466, 0.3396



Tritanopia

41.2010, 0.3256, 0.3122

Trichromacy



Original Color

41.1653, 0.3403, 0.3424

Protanomaly

41.1977, 0.3333, 0.3440

Deuteranomaly

41.3125, 0.3444, 0.3410

Tritanomaly

41.1599, 0.3308, 0.3225

Monochromacy



Original Color

41.1653, 0.3403, 0.3424

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.4180, 0.3216, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1653, 0.3403, 0.3424 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, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(188, 168, 158)  
}
```

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, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 168, 158) }
```

Border

The CSS property to change the border of an element to Yxy 41.1653, 0.3403, 0.3424 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, 168, 158) }
```

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

```
.border{ border-color:rgb(188, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(188, 168,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1653, 0.3403, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 168, 158) }
```

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

```
.background{ background-color: rgb(188,  
168, 158) }
```

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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