

Converting Colors

$Y_{xy}(41.3273, 0.3404, 0.3410)$

Have a look what the booklet for
Yxy(41.3273, 0.3404, 0.3410)
contains.

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Color

Yxy(41.3273, 0.3404, 0.3410)

Conversions

Conversions Part 1

Format	Color
Hex	BDA89F
RGB	189, 168, 159
RGB Percent	74%, 66%, 62%
CMY	0.2587, 0.3412, 0.3764
CMYK	0.00, 0.11, 0.16, 0.26
HSL	18°, 19%, 68%
HSV	18°, 16%, 74%
XYZ	41.2546, 41.3273, 38.6125
YIQ	173.2530, 15.4050, 1.6530

Conversions

Conversions Part 2

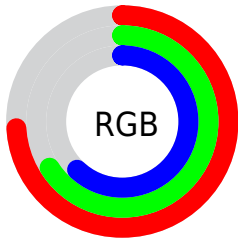
Format	Color
RYB	189, 172, 159
Decimal	12429471
CIELab	70.40, 6.14, 7.41
CIELCh	70, 9.621, 50.363
Yxy	41.3273, 0.3404, 0.3410
Android (android.graphics.Color)	4290619551 (0xFFBDA89F)
YUV	173.2530, -7.0267, 13.8101
Hunter-Lab	64.2863, 2.0481, 9.3888

Details

The Yxy color **41.3273, 0.3404, 0.3410** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.7175, 0.2885, 0.3167**, and the grayscale version is **41.9589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0429, 0.3346, 0.3384**, and **18.7244, 0.3478, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **36.0754, 0.3621, 0.3491**, and if you desaturate by 10%, it is **47.1821, 0.3221, 0.3333**.

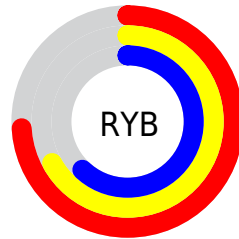
Distribution



Red (74%)

Green (66%)

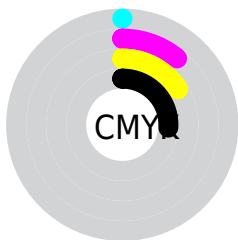
Blue (62%)



Red (74%)

Yellow (67%)

Blue (62%)

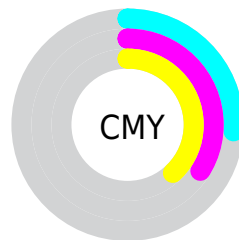


Cyan (0%)

Magenta (11%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3273, 0.3404, 0.3410 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 41.3273, 0.3404, 0.3410 by changing the saturation by 10% instead.


 41.3273, 0.3404,
0.3410


 41.3273, 0.3404,
0.3410


351.6867, 0.3262,
0.3350

 28.5749, 0.3441,
0.3425


 77.1805, 0.3352,
0.3388

 18.7595, 0.3488,
0.3444


 101.0501, 0.3332,
0.3380

 11.4966, 0.3553,
0.3469


129.3942, 0.3316,
0.3373

 6.4019, 0.3646,
0.3504

162.5973, 0.3302,
0.3367

 3.0910, 0.3791,
0.3554

201.0437, 0.3290,
0.3362

 1.1794, 0.4066,
0.3654

245.1178, 0.3279,

 0.0448, 0.8112,

0.3358

0.1888

295.2040, 0.3270,
0.3354

0.0000, 0.0000,
0.0000

41.3273, 0.3404,
0.3410

41.3273, 0.3404,
0.3410

36.0754, 0.3621,
0.3491

47.1821, 0.3221,
0.3333

31.4015, 0.3875,
0.3573

53.6527, 0.3067,
0.3261

27.2869, 0.4170,
0.3652

60.7586, 0.2937,
0.3195

23.7099, 0.4503,
0.3720

68.5169, 0.2827,
0.3134

20.6472, 0.4864,
0.3767

76.9438, 0.2734,
0.3079

■ 18.0738, 0.5232,
0.3781

■ 84.8802, 0.2739,
0.3209

■ 15.9621, 0.5577,
0.3753

■ 89.5633, 0.2747,
0.3289

■ 14.2811, 0.5862,
0.3679

■ 13.6998, 0.5967,
0.3644

Harmonies

Analogous

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



41.3273, 0.3361, 0.3291



41.3273, 0.3404, 0.3410



41.3273, 0.3371, 0.3501

Triad

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



41.3273, 0.3404, 0.3410



41.3273, 0.2999, 0.3409



41.3273, 0.2981, 0.3053

Complementary

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



41.3273, 0.3404, 0.3410



43.7175, 0.2885, 0.3167

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.



41.3273, 0.2888, 0.3078



41.3273, 0.3404, 0.3410



41.3273, 0.2898, 0.3282

Square

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



41.3273, 0.3404, 0.3410



41.3273, 0.3135, 0.3503



41.3273, 0.2858, 0.3161



41.3273, 0.3115, 0.3089

Rectangle

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



41.3273, 0.3404, 0.3410



41.3273, 0.3310, 0.3532



41.3273, 0.2858, 0.3161



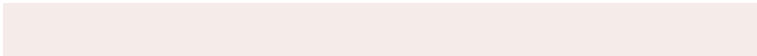
41.3273, 0.2944, 0.3055

Sweetspot

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



41.3291, 0.3404, 0.3410



85.3511, 0.3208, 0.3327



38.9438, 0.3221, 0.3009



18.1870, 0.3219, 0.3332



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.



41.3291, 0.3404, 0.3410



70.6483, 0.3474, 0.3437



47.0014, 0.3375, 0.3597



9.9887, 0.3281, 0.3359



9.3323, 0.5944, 0.3662



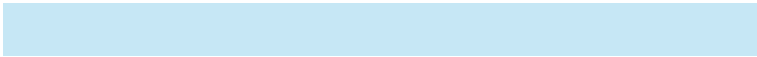
0.4837, 0.5459, 0.4047

Inverse Universe

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



43.7175, 0.2885, 0.3167



75.7209, 0.2833, 0.3138



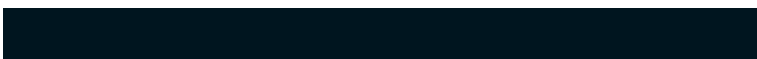
38.1484, 0.2877, 0.2963



10.3149, 0.2985, 0.3220



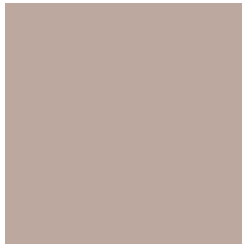
13.8083, 0.1972, 0.2298



0.6500, 0.2046, 0.2564

Previews

White Background



This preview shows how the Yxy color 41.3273, 0.3404, 0.3410 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 41.3273, 0.3404, 0.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

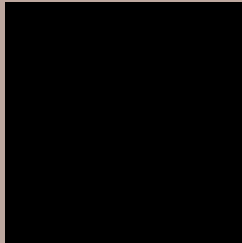
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3273, 0.3404, 0.3410

Background



This preview shows how black text looks on a background with the Yxy color 41.3273, 0.3404, 0.3410.



This preview shows how white text looks on a background with the Yxy color 41.3273, 0.3404, 0.3410.

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

41.3273, 0.3404, 0.3410

Protanopia

41.5432, 0.3275, 0.3441

Deuteranopia

41.2450, 0.3456, 0.3383



Tritanopia

41.3311, 0.3266, 0.3122

Trichromacy



Original Color

41.3273, 0.3404, 0.3410

Protanomaly

41.6090, 0.3323, 0.3439

Deuteranomaly

41.3471, 0.3435, 0.3396

Tritanomaly

41.2891, 0.3318, 0.3225

Monochromacy



Original Color

41.3273, 0.3404, 0.3410

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5367, 0.3225, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3273, 0.3404, 0.3410 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(189, 168, 159)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 159)  
}
```

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(189, 168, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.3273, 0.3404, 0.3410 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(189, 168, 159) }
```

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

```
.border{ border-color:rgb(189, 168, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 159);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3273, 0.3404, 0.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 159) }
```

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

```
.background{ background-color: rgb(189,  
168, 159) }
```

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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