

Converting Colors

$Y_{xy}(43.1273, 0.3081, 0.3295)$

Have a look what the booklet for
Yxy(43.1273, 0.3081, 0.3295)
contains.

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Color

Yxy(43.2368, 0.3083, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	ABB1B0
RGB	171, 177, 176
RGB Percent	67%, 69%, 69%
CMY	0.3294, 0.3059, 0.3097
CMYK	0.03, 0.00, 0.01, 0.31
HSL	170°, 4%, 68%
HSV	170°, 3%, 69%
XYZ	40.3570, 43.2368, 47.3078
YIQ	175.0920, -3.2550, -1.5830

Conversions

Conversions Part 2

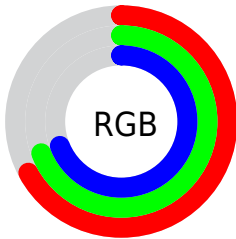
Format	Color
RYB	171, 174, 177
Decimal	11252144
CIELab	71.72, -2.28, -0.25
CIELCh	72, 2.291, 186.169
Yxy	43.2368, 0.3083, 0.3303
Android (android.graphics.Color)	4289442224 (0xFFABB1B0)
YUV	175.0920, 0.4476, -3.5887
Hunter-Lab	65.7547, -5.5163, 3.3715

Details

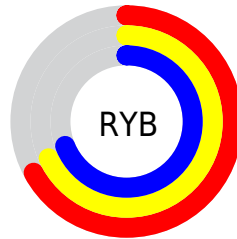
The Yxy color **43.2368, 0.3083, 0.3303** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4544, 0.3173, 0.3277**, and the grayscale version is **42.9211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2728, 0.3086, 0.3300**, and **19.7925, 0.3067, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **41.2700, 0.2956, 0.3344**, and if you desaturate by 10%, it is **45.4759, 0.3215, 0.3266**.

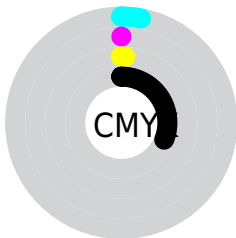
Distribution



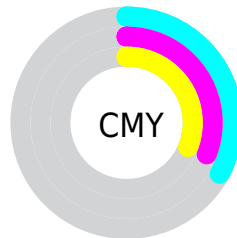
- Red (67%)
- Green (69%)
- Blue (69%)



- Red (67%)
- Yellow (68%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2368, 0.3083, 0.3303 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 43.2368, 0.3083, 0.3303 by changing the saturation by 10% instead.

■ 43.2368, 0.3083,
0.3303

■ 43.2368, 0.3083,
0.3303

■ 359.5847, 0.3105,
0.3297

■ 30.0710, 0.3077,
0.3305

■ 80.0681, 0.3091,
0.3301

■ 19.8925, 0.3070,
0.3307

■ 104.5023, 0.3094,
0.3300

■ 12.3169, 0.3060,
0.3310

■ 133.4614, 0.3097,
0.3299

■ 6.9599, 0.3046,
0.3314

■ 167.3299, 0.3099,
0.3298

■ 3.4370, 0.3024,
0.3320

■ 206.4921, 0.3101,
0.3298

■ 1.3639, 0.2988,
0.3330

■ 251.3323, 0.3103,

■ 0.1899, 0.2318,

0.3297

0.3525

302.2351, 0.3104,
0.3297

0.0000, 0.0000,
0.0000

43.2368, 0.3083,
0.3303

43.2368, 0.3083,
0.3303

41.2700, 0.2956,
0.3344

45.4759, 0.3215,
0.3266

39.5593, 0.2835,
0.3389

47.9916, 0.3348,
0.3232

38.0955, 0.2725,
0.3437

50.7953, 0.3481,
0.3203

36.8665, 0.2626,
0.3489

53.8958, 0.3613,
0.3177

35.8592, 0.2543,
0.3543

56.4365, 0.3703,
0.3152

■ 35.0593, 0.2477,
0.3599

■ 56.5632, 0.3677,
0.3122

■ 34.4508, 0.2430,
0.3656

■ 56.6924, 0.3651,
0.3093

■ 34.0153, 0.2401,
0.3713

■ 56.8240, 0.3626,
0.3063

■ 33.7305, 0.2391,
0.3770

■ 56.9582, 0.3601,
0.3034

Harmonies

Analogous

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



43.2368, 0.3112, 0.3329



43.2368, 0.3083, 0.3303



43.2368, 0.3066, 0.3273

Triad

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



43.2368, 0.3083, 0.3303



43.2368, 0.3109, 0.3236



43.2368, 0.3190, 0.3331

Complementary

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



43.2368, 0.3083, 0.3303



41.4544, 0.3173, 0.3277

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.



43.2368, 0.3189, 0.3306



43.2368, 0.3083, 0.3303



43.2368, 0.3142, 0.3252

Square

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



43.2368, 0.3083, 0.3303



43.2368, 0.3081, 0.3235



43.2368, 0.3172, 0.3277



43.2368, 0.3174, 0.3346

Rectangle

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



43.2368, 0.3083, 0.3303



43.2368, 0.3063, 0.3256



43.2368, 0.3172, 0.3277



43.2368, 0.3192, 0.3324

Sweetspot

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



43.2386, 0.3083, 0.3303



78.3443, 0.3114, 0.3294



43.1560, 0.3132, 0.3372



16.9831, 0.3115, 0.3294



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



43.2386, 0.3083, 0.3303



77.1836, 0.3074, 0.3306



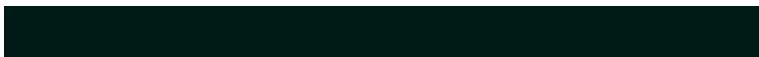
42.4943, 0.3076, 0.3263



9.8212, 0.3066, 0.3308



24.3478, 0.2389, 0.3801



0.7724, 0.2345, 0.3643

Inverse Universe

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



41.4544, 0.3173, 0.3277



73.3584, 0.3183, 0.3274



42.1772, 0.3180, 0.3317



9.2638, 0.3191, 0.3272



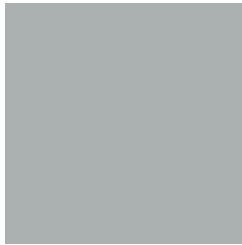
6.8414, 0.6140, 0.3156



0.2221, 0.5474, 0.2789

Previews

White Background



This preview shows how the Yxy color 43.2368, 0.3083, 0.3303 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 43.2368, 0.3083, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

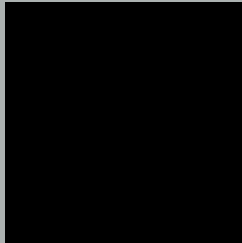
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2368, 0.3083, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 43.2368, 0.3083, 0.3303.



This preview shows how white text looks on a background with the Yxy color 43.2368, 0.3083, 0.3303.

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

43.2368, 0.3083, 0.3303

Protanopia

43.3388, 0.3163, 0.3290

Deuteranopia

43.1302, 0.3268, 0.3200



Tritanopia

43.2183, 0.2998, 0.3104

Trichromacy



Original Color

43.2368, 0.3083, 0.3303

Protanomaly

43.3759, 0.3135, 0.3303

Deuteranomaly

43.2518, 0.3192, 0.3238

Tritanomaly

43.2820, 0.3029, 0.3182

Monochromacy



Original Color

43.2368, 0.3083, 0.3303

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1445, 0.3118, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2368, 0.3083, 0.3303 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(171, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 176)  
}
```

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(171, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.2368, 0.3083, 0.3303 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(171, 177, 176) }
```

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

```
.border{ border-color:rgb(171, 177, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2368, 0.3083, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 176) }
```

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

```
.background{ background-color: rgb(171,  
177, 176) }
```

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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