

Converting Colors

Yxy(43.1386, 0.3106, 0.3342)

Have a look what the booklet for
Yxy(43.1386, 0.3106, 0.3342)
contains.

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Color

Yxy(43.1193, 0.3107, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	ABB1AD
RGB	171, 177, 173
RGB Percent	67%, 69%, 68%
CMY	0.3296, 0.3058, 0.3216
CMYK	0.03, 0.00, 0.02, 0.31
HSL	140°, 4%, 68%
HSV	140°, 3%, 69%
XYZ	40.0513, 43.1193, 45.7361
YIQ	174.7500, -2.2920, -2.5160

Conversions

Conversions Part 2

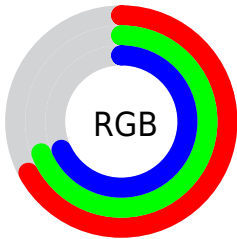
Format	Color
RYB	171, 176, 177
Decimal	11252141
CIELab	71.64, -2.89, 1.31
CIElCh	72, 3.171, 155.536
Yxy	43.1193, 0.3107, 0.3345
Android (android.graphics.Color)	4289442221 (0xFFABB1AD)
YUV	174.7500, -0.8628, -3.2887
Hunter-Lab	65.6653, -6.0415, 4.6700

Details

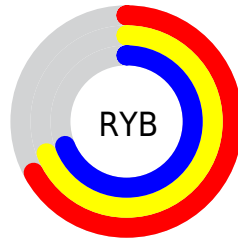
The Yxy color **43.1193, 0.3107, 0.3345** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.5553, 0.3148, 0.3236**, and the grayscale version is **42.7366, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0480, 0.3111, 0.3343**, and **19.7177, 0.3100, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **40.8283, 0.3048, 0.3519**, and if you desaturate by 10%, it is **45.7205, 0.3166, 0.3191**.

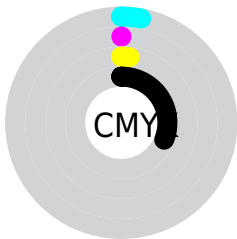
Distribution



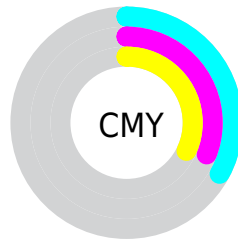
- Red (67%)
- Green (69%)
- Blue (68%)



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



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1193, 0.3107, 0.3345 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 43.1193, 0.3107, 0.3345 by changing the saturation by 10% instead.

■ 43.1193, 0.3107,
0.3345

■ 43.1193, 0.3107,
0.3345

359.1022, 0.3117,
0.3317

■ 29.9787, 0.3104,
0.3352

■ 79.8909, 0.3111,
0.3335

■ 19.8224, 0.3101,
0.3361

104.2906, 0.3112,
0.3331

■ 12.2660, 0.3096,
0.3374

133.2123, 0.3113,
0.3328

■ 6.9251, 0.3090,
0.3392

167.0402, 0.3114,
0.3325

■ 3.4153, 0.3079,
0.3419

206.1587, 0.3115,
0.3323

■ 1.3522, 0.3062,
0.3467

250.9523, 0.3116,

■ 0.1811, 0.2619,

0.3321

0.4666

301.8053, 0.3117,
0.3319

0.0000, 0.0000,
0.0000

43.1193, 0.3107,
0.3345

43.1193, 0.3107,
0.3345

40.8283, 0.3048,
0.3519

45.7205, 0.3166,
0.3191

38.8305, 0.2991,
0.3715

48.6374, 0.3223,
0.3055

37.1154, 0.2937,
0.3930

51.8821, 0.3278,
0.2936

35.6699, 0.2889,
0.4164

55.4646, 0.3331,
0.2833

34.4797, 0.2851,
0.4412

58.5368, 0.3344,
0.2736

■ 33.5293, 0.2825,
0.4667

■ 59.2301, 0.3249,
0.2627

■ 32.8013, 0.2814,
0.4921

■ 59.9313, 0.3163,
0.2527

■ 32.2758, 0.2821,
0.5162

■ 31.9294, 0.2844,
0.5379

Harmonies

Analogous

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



43.1193, 0.3153, 0.3366



43.1193, 0.3107, 0.3345



43.1193, 0.3067, 0.3309

Triad

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



43.1193, 0.3107, 0.3345



43.1193, 0.3062, 0.3214



43.1193, 0.3213, 0.3312

Complementary

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



43.1193, 0.3107, 0.3345



41.5553, 0.3148, 0.3236

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.



43.1193, 0.3188, 0.3271



43.1193, 0.3107, 0.3345



43.1193, 0.3101, 0.3215

Square

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



43.1193, 0.3107, 0.3345



43.1193, 0.3041, 0.3233



43.1193, 0.3147, 0.3236



43.1193, 0.3214, 0.3347

Rectangle

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



43.1193, 0.3107, 0.3345



43.1193, 0.3048, 0.3281



43.1193, 0.3147, 0.3236



43.1193, 0.3207, 0.3298

Sweetspot

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



43.1211, 0.3107, 0.3345



78.2797, 0.3121, 0.3306



43.5156, 0.3160, 0.3372



16.9699, 0.3121, 0.3305



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.



43.1211, 0.3107, 0.3345



76.9296, 0.3103, 0.3356



43.2357, 0.3084, 0.3305



9.7841, 0.3100, 0.3366



23.0215, 0.2858, 0.5487



0.7355, 0.2691, 0.4886

Inverse Universe

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



41.5553, 0.3148, 0.3236



73.6101, 0.3152, 0.3225



41.4415, 0.3173, 0.3275



9.3005, 0.3156, 0.3216



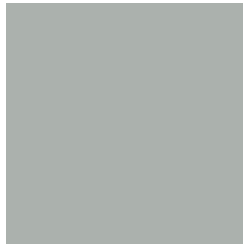
7.7317, 0.4255, 0.2118



0.2536, 0.3897, 0.1921

Previews

White Background



This preview shows how the Yxy color 43.1193, 0.3107, 0.3345 looks on a white background.

Color Contrast Check

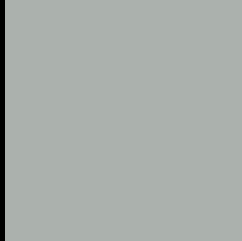
Large Text (above 18pt) WCAG AA × Fail

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 43.1193, 0.3107, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

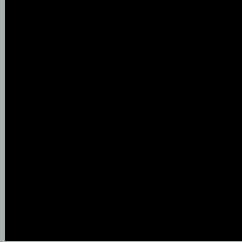
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

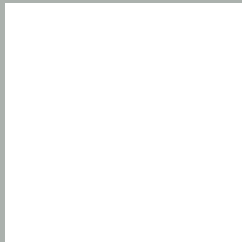
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1193, 0.3107, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 43.1193, 0.3107, 0.3345.



This preview shows how white text looks on a background with the Yxy color 43.1193, 0.3107, 0.3345.

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

43.1193, 0.3107, 0.3345

Protanopia

43.2222, 0.3187, 0.3330

Deuteranopia

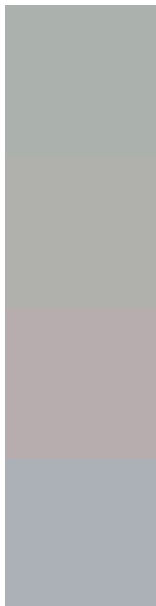
43.0119, 0.3295, 0.3239



Tritanopia

43.1750, 0.3006, 0.3117

Trichromacy



Original Color

43.1193, 0.3107, 0.3345

Protanomaly

43.2593, 0.3160, 0.3344

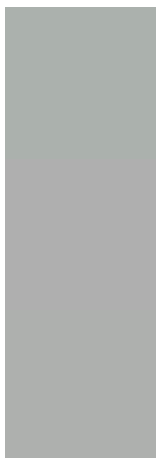
Deuteranomaly

43.1335, 0.3218, 0.3277

Tritanomaly

43.2402, 0.3037, 0.3196

Monochromacy



Original Color

43.1193, 0.3107, 0.3345

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1053, 0.3126, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1193, 0.3107, 0.3345 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.1193, 0.3107, 0.3345 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, 173) }
```

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

```
.border{ border-color:rgb(171, 177, 173) }
```

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, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 173);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1193, 0.3107, 0.3345 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, 173) }
```

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

```
.background{ background-color: rgb(171,  
177, 173) }
```

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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