

Converting Colors

$Yxy(43.8138, 0.3082, 0.3324)$

Have a look what the booklet for
Yxy(43.8138, 0.3082, 0.3324)
contains.

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Color

Yxy(43.6333, 0.3083, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	ABB2B0
RGB	171, 178, 176
RGB Percent	67%, 70%, 69%
CMY	0.3293, 0.3020, 0.3098
CMYK	0.04, 0.00, 0.01, 0.30
HSL	163°, 4%, 68%
HSV	163°, 4%, 70%
XYZ	40.5552, 43.6333, 47.3560
YIQ	175.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

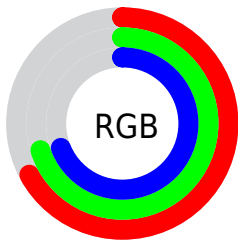
Format	Color
RYB	171, 175, 178
Decimal	11252400
CIELab	71.98, -2.82, 0.16
CIElCh	72, 2.821, 176.682
Yxy	43.6333, 0.3083, 0.3317
Android (android.graphics.Color)	4289442480 (0xFFABB2B0)
YUV	175.6790, 0.1583, -4.1035
Hunter-Lab	66.0555, -6.0060, 3.7331

Details

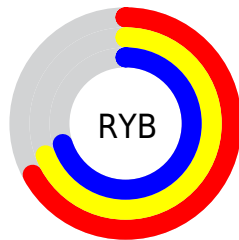
The Yxy color **43.6333, 0.3083, 0.3317** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6189, 0.3173, 0.3263**, and the grayscale version is **43.2435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8406, 0.3086, 0.3311**, and **20.0444, 0.3067, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **41.5701, 0.2973, 0.3391**, and if you desaturate by 10%, it is **45.9771, 0.3196, 0.3250**.

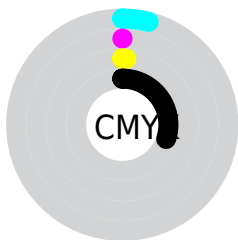
Distribution



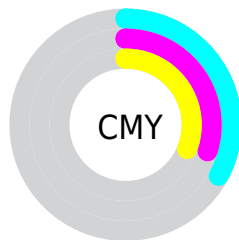
- Red (67%)
- Green (70%)
- Blue (69%)



- Red (67%)
- Yellow (69%)
- Blue (70%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (33%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6333, 0.3083, 0.3317 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 43.6333, 0.3083, 0.3317 by changing the saturation by 10% instead.

■ 43.6333, 0.3083,
0.3317

■ 43.6333, 0.3083,
0.3317

361.2098, 0.3105,
0.3303

■ 30.3823, 0.3077,
0.3320

■ 80.6657, 0.3091,
0.3312

■ 20.1290, 0.3070,
0.3325

105.2158, 0.3094,
0.3310

■ 12.4888, 0.3060,
0.3331

134.3012, 0.3097,
0.3309

■ 7.0775, 0.3046,
0.3339

168.3062, 0.3099,
0.3307

■ 3.5106, 0.3025,
0.3352

207.6151, 0.3101,
0.3306

■ 1.4038, 0.2988,
0.3375

252.6124, 0.3103,

■ 0.2195, 0.2383,

0.3305

0.3740

303.6825, 0.3104,
0.3304

0.0000, 0.0000,
0.0000

43.6333, 0.3083,
0.3317

43.6333, 0.3083,
0.3317

41.5701, 0.2973,
0.3391

45.9771, 0.3196,
0.3250

39.7710, 0.2868,
0.3473

48.6059, 0.3311,
0.3191

38.2266, 0.2771,
0.3561

51.5314, 0.3424,
0.3138

36.9244, 0.2685,
0.3656

54.7627, 0.3535,
0.3091

35.8510, 0.2613,
0.3756

57.3429, 0.3601,
0.3047

■ 34.9919, 0.2558,
0.3861

■ 57.5884, 0.3556,
0.2995

■ 34.3304, 0.2522,
0.3968

■ 57.8420, 0.3512,
0.2943

■ 33.8478, 0.2504,
0.4076

■ 58.1037, 0.3468,
0.2892

■ 33.5213, 0.2506,
0.4183

■ 58.3737, 0.3425,
0.2842

Harmonies

Analogous

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



43.6333, 0.3121, 0.3346



43.6333, 0.3083, 0.3317



43.6333, 0.3057, 0.3281

Triad

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



43.6333, 0.3083, 0.3317



43.6333, 0.3093, 0.3222



43.6333, 0.3206, 0.3332

Complementary

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



43.6333, 0.3083, 0.3317



41.6189, 0.3173, 0.3263

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.



43.6333, 0.3198, 0.3299



43.6333, 0.3083, 0.3317



43.6333, 0.3133, 0.3235

Square

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



43.6333, 0.3083, 0.3317



43.6333, 0.3062, 0.3226



43.6333, 0.3172, 0.3264



43.6333, 0.3193, 0.3355

Rectangle

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



43.6333, 0.3083, 0.3317



43.6333, 0.3049, 0.3258



43.6333, 0.3172, 0.3264



43.6333, 0.3206, 0.3322

Sweetspot

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



43.6352, 0.3083, 0.3317



80.3109, 0.3116, 0.3297



43.6788, 0.3141, 0.3385



17.7978, 0.3116, 0.3297



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



43.6352, 0.3083, 0.3317



78.6684, 0.3070, 0.3325



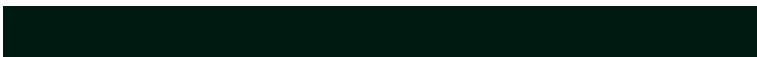
43.1630, 0.3068, 0.3271



9.7662, 0.3064, 0.3329



23.8879, 0.2510, 0.4236



0.7611, 0.2428, 0.3939

Inverse Universe

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



41.6189, 0.3173, 0.3263



73.9557, 0.3188, 0.3255



42.0715, 0.3189, 0.3309



9.1234, 0.3194, 0.3251



6.9537, 0.5772, 0.2953



0.2291, 0.4966, 0.2509

Previews

White Background



This preview shows how the Yxy color 43.6333, 0.3083, 0.3317 looks on a white background.

Color Contrast Check

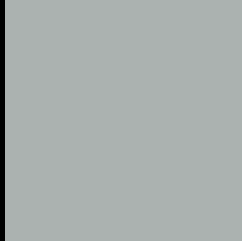
Large Text (above 18pt) WCAG AA × Fail

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 43.6333, 0.3083, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

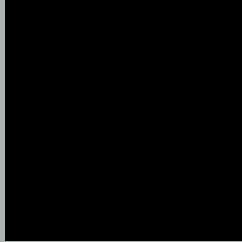
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

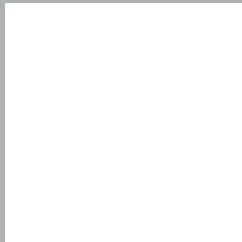
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6333, 0.3083, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 43.6333, 0.3083, 0.3317.



This preview shows how white text looks on a background with the Yxy color 43.6333, 0.3083, 0.3317.

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

43.6333, 0.3083, 0.3317

Protanopia

43.4584, 0.3171, 0.3290

Deuteranopia

43.6376, 0.3276, 0.3213



Tritanopia

43.6526, 0.2990, 0.3104

Trichromacy



Original Color

43.6333, 0.3083, 0.3317

Protanomaly

43.4929, 0.3144, 0.3303

Deuteranomaly

43.7607, 0.3200, 0.3251

Tritanomaly

43.7177, 0.3021, 0.3183

Monochromacy



Original Color

43.6333, 0.3083, 0.3317

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5775, 0.3109, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6333, 0.3083, 0.3317 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, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 178, 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, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 178, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.6333, 0.3083, 0.3317 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, 178, 176) }
```

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

```
.border{ border-color:rgb(171, 178, 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, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 178,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6333, 0.3083, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 178, 176) }
```

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

```
.background{ background-color: rgb(171,  
178, 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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