

Converting Colors

$Y_{xy}(44.2585, 0.3080, 0.3331)$

Have a look what the booklet for
Yxy(44.2585, 0.3080, 0.3331)
contains.

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Color

Yxy(44.0327, 0.3082, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	ABB3B0
RGB	171, 179, 176
RGB Percent	67%, 70%, 69%
CMY	0.3296, 0.2980, 0.3099
CMYK	0.05, 0.00, 0.02, 0.30
HSL	157°, 5%, 69%
HSV	157°, 5%, 70%
XYZ	40.7412, 44.0327, 47.4168
YIQ	176.2660, -3.8050, -2.6290

Conversions

Conversions Part 2

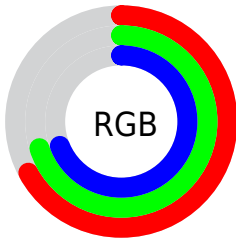
Format	Color
RYB	171, 176, 179
Decimal	11252656
CIELab	72.25, -3.39, 0.56
CIELCh	72, 3.441, 170.635
Yxy	44.0327, 0.3082, 0.3331
Android (android.graphics.Color)	4289442736 (0xFFABB3B0)
YUV	176.2660, -0.1311, -4.6183
Hunter-Lab	66.3571, -6.5317, 4.0832

Details

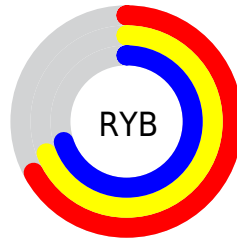
The Yxy color **44.0327, 0.3082, 0.3331** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.7479, 0.3175, 0.3249**, and the grayscale version is **43.5608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4116, 0.3086, 0.3321**, and **20.2989, 0.3066, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **41.8992, 0.2984, 0.3429**, and if you desaturate by 10%, it is **46.4555, 0.3182, 0.3243**.

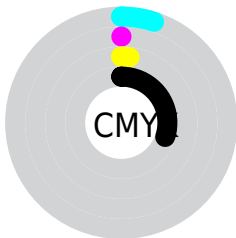
Distribution



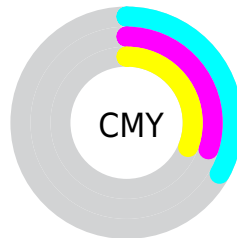
- Red (67%)
- Green (70%)
- Blue (69%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0327, 0.3082, 0.3331 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 44.0327, 0.3082, 0.3331 by changing the saturation by 10% instead.

■ 44.0327, 0.3082,
0.3331

■ 44.0327, 0.3082,
0.3331

362.8417, 0.3105,
0.3310

■ 30.6962, 0.3076,
0.3336

■ 81.2669, 0.3090,
0.3323

■ 20.3676, 0.3069,
0.3343

105.9335, 0.3094,
0.3321

■ 12.6626, 0.3059,
0.3352

135.1455, 0.3096,
0.3318

■ 7.1966, 0.3044,
0.3365

169.2874, 0.3098,
0.3316

■ 3.5854, 0.3023,
0.3385

208.7436, 0.3100,
0.3314

■ 1.4444, 0.2985,
0.3419

253.8985, 0.3102,

■ 0.2491, 0.2423,

0.3313

0.3922

305.1364, 0.3104,
0.3312

0.0000, 0.0000,
0.0000

44.0327, 0.3082,
0.3331

44.0327, 0.3082,
0.3331

41.8992, 0.2984,
0.3429

46.4555, 0.3182,
0.3243

40.0382, 0.2890,
0.3538

49.1723, 0.3283,
0.3164

38.4399, 0.2804,
0.3656

52.1949, 0.3383,
0.3095

37.0915, 0.2727,
0.3784

55.5328, 0.3480,
0.3034

35.9793, 0.2664,
0.3919

58.1450, 0.3528,
0.2975

■ 35.0883, 0.2618,
0.4060

■ 58.4872, 0.3471,
0.2908

■ 34.4013, 0.2589,
0.4205

■ 58.8437, 0.3414,
0.2841

■ 33.8991, 0.2581,
0.4349

■ 59.2146, 0.3359,
0.2777

■ 33.5580, 0.2592,
0.4492

■ 59.6002, 0.3304,
0.2713

Harmonies

Analogous

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



44.0327, 0.3130, 0.3363



44.0327, 0.3082, 0.3331



44.0327, 0.3046, 0.3288

Triad

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



44.0327, 0.3082, 0.3331



44.0327, 0.3077, 0.3206



44.0327, 0.3223, 0.3334

Complementary

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



44.0327, 0.3082, 0.3331



41.7479, 0.3175, 0.3249

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.



44.0327, 0.3209, 0.3292



44.0327, 0.3082, 0.3331



44.0327, 0.3124, 0.3219

Square

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



44.0327, 0.3082, 0.3331



44.0327, 0.3043, 0.3216



44.0327, 0.3172, 0.3250



44.0327, 0.3212, 0.3364

Rectangle

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



44.0327, 0.3082, 0.3331



44.0327, 0.3034, 0.3259



44.0327, 0.3172, 0.3250



44.0327, 0.3221, 0.3320

Sweetspot

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



44.0346, 0.3082, 0.3331



80.2992, 0.3117, 0.3299



44.1904, 0.3149, 0.3399



17.7953, 0.3117, 0.3299



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.



44.0346, 0.3082, 0.3331



78.6109, 0.3076, 0.3336



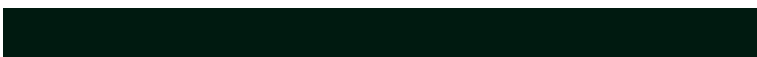
43.7799, 0.3058, 0.3277



9.7584, 0.3071, 0.3341



23.6165, 0.2598, 0.4553



0.7540, 0.2488, 0.4158

Inverse Universe

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



41.7479, 0.3175, 0.3249



74.0119, 0.3181, 0.3244



41.9877, 0.3199, 0.3303



9.1310, 0.3187, 0.3239



7.0735, 0.5438, 0.2769



0.2341, 0.4677, 0.2350

Previews

White Background



This preview shows how the Yxy color 44.0327, 0.3082, 0.3331 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 44.0327, 0.3082, 0.3331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

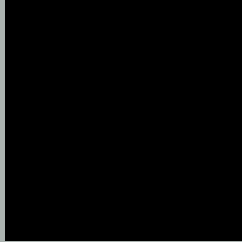
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

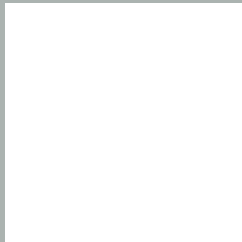
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0327, 0.3082, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 44.0327, 0.3082, 0.3331.



This preview shows how white text looks on a background with the Yxy color 44.0327, 0.3082, 0.3331.

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

44.0327, 0.3082, 0.3331

Protanopia

43.9304, 0.3188, 0.3317

Deuteranopia

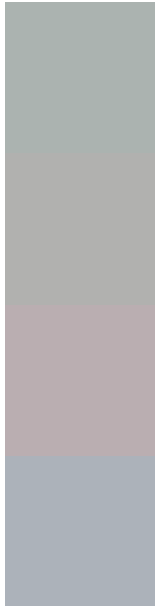
43.8095, 0.3277, 0.3201



Tritanopia

44.0901, 0.2983, 0.3105

Trichromacy



Original Color

44.0327, 0.3082, 0.3331

Protanomaly

43.8865, 0.3143, 0.3317

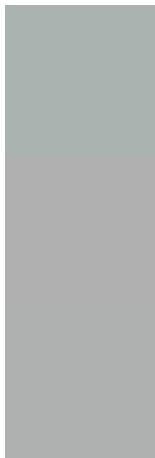
Deuteranomaly

43.8855, 0.3209, 0.3251

Tritanomaly

44.1566, 0.3013, 0.3183

Monochromacy



Original Color

44.0327, 0.3082, 0.3331

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 44.0327, 0.3082, 0.3331 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, 179, 176)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 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, 179, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 176) }
```

Border

The CSS property to change the border of an element to Yxy 44.0327, 0.3082, 0.3331 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, 179, 176) }
```

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

```
.border{ border-color:rgb(171, 179, 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, 179, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 176);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0327, 0.3082, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 176) }
```

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

```
.background{ background-color: rgb(171,  
179, 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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