

Converting Colors

$Yxy(44.2719, 0.3072, 0.3360)$

Have a look what the booklet for
Yxy(44.2719, 0.3072, 0.3360)
contains.

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Color

Yxy(44.1727, 0.3073, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	A9B4AF
RGB	169, 180, 175
RGB Percent	66%, 71%, 69%
CMY	0.3372, 0.2941, 0.3138
CMYK	0.06, 0.00, 0.03, 0.29
HSL	153°, 7%, 68%
HSV	153°, 6%, 71%
XYZ	40.4237, 44.1727, 46.9483
YIQ	176.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

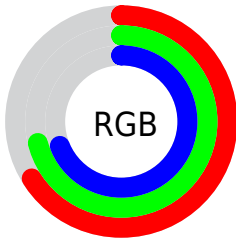
Format	Color
RYB	169, 176, 180
Decimal	11121839
CIELab	72.34, -4.78, 1.22
CIELCh	72, 4.933, 165.659
Yxy	44.1727, 0.3073, 0.3358
Android (android.graphics.Color)	4289311919 (0xFFA9B4AF)
YUV	176.1410, -0.5625, -6.2627
Hunter-Lab	66.4625, -7.7426, 4.6421

Details

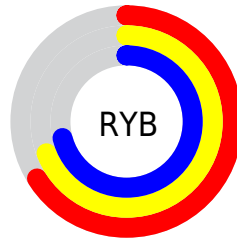
The Yxy color **44.1727, 0.3073, 0.3358** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1440, 0.3185, 0.3223**, and the grayscale version is **43.5005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5514, 0.3084, 0.3353**, and **20.3907, 0.3053, 0.3365** is the 20% darker color. If you saturate the color by 10%, you get **42.0057, 0.2986, 0.3480**, and if you desaturate by 10%, it is **46.6372, 0.3162, 0.3249**.

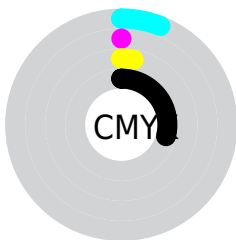
Distribution



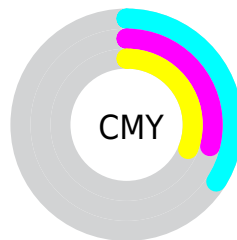
- Red (66%)
- Green (71%)
- Blue (69%)



- Red (66%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (34%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1727, 0.3073, 0.3358 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 44.1727, 0.3073, 0.3358 by changing the saturation by 10% instead.

■ 44.1727, 0.3073,
0.3358

■ 44.1727, 0.3073,
0.3358

■ 363.4126, 0.3100,
0.3324

■ 30.8063, 0.3066,
0.3367

■ 81.4776, 0.3083,
0.3345

■ 20.4514, 0.3057,
0.3378

■ 106.1848, 0.3087,
0.3341

■ 12.7236, 0.3045,
0.3393

■ 135.4411, 0.3090,
0.3337

■ 7.2385, 0.3028,
0.3415

■ 169.6309, 0.3093,
0.3333

■ 3.6117, 0.3001,
0.3448

■ 209.1385, 0.3095,
0.3330

■ 1.4588, 0.2956,
0.3506

■ 254.3484, 0.3097,

■ 0.2595, 0.2216,

0.3328

0.4424

305.6450, 0.3099,
0.3326

0.0000, 0.0000,
0.0000

44.1727, 0.3073,
0.3358

44.1727, 0.3073,
0.3358

42.0057, 0.2986,
0.3480

46.6372, 0.3162,
0.3249

40.1190, 0.2903,
0.3615

49.4043, 0.3251,
0.3152

38.5024, 0.2827,
0.3762

52.4862, 0.3338,
0.3067

37.1425, 0.2760,
0.3921

55.8927, 0.3424,
0.2991

36.0252, 0.2707,
0.4089

58.8625, 0.3472,
0.2921

■ 35.1346, 0.2669,
0.4264

■ 59.2980, 0.3404,
0.2841

■ 34.4531, 0.2650,
0.4442

■ 59.7550, 0.3337,
0.2762

■ 33.9602, 0.2651,
0.4618

■ 60.2338, 0.3271,
0.2685

■ 33.6293, 0.2672,
0.4788

■ 60.7347, 0.3208,
0.2610

Harmonies

Analogous

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



44.1727, 0.3143, 0.3400



44.1727, 0.3073, 0.3358



44.1727, 0.3018, 0.3297

Triad

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



44.1727, 0.3073, 0.3358



44.1727, 0.3045, 0.3170



44.1727, 0.3264, 0.3343

Complementary

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



44.1727, 0.3073, 0.3358



41.1440, 0.3185, 0.3223

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.



44.1727, 0.3238, 0.3282



44.1727, 0.3073, 0.3358



44.1727, 0.3110, 0.3183

Square

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



44.1727, 0.3073, 0.3358



44.1727, 0.3002, 0.3189



44.1727, 0.3181, 0.3224



44.1727, 0.3254, 0.3391

Rectangle

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



44.1727, 0.3073, 0.3358



44.1727, 0.2997, 0.3255



44.1727, 0.3181, 0.3224



44.1727, 0.3259, 0.3323

Sweetspot

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



44.1746, 0.3073, 0.3358



81.8480, 0.3109, 0.3312



44.5230, 0.3164, 0.3439



17.7006, 0.3110, 0.3311



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.



44.1746, 0.3073, 0.3358



79.6729, 0.3064, 0.3370



44.2275, 0.3034, 0.3285



9.6570, 0.3061, 0.3374



23.4103, 0.2676, 0.4833



0.7482, 0.2544, 0.4357

Inverse Universe

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



41.1440, 0.3185, 0.3223



73.3021, 0.3195, 0.3212



41.0886, 0.3228, 0.3295



8.8491, 0.3199, 0.3208



7.2118, 0.5112, 0.2590



0.2387, 0.4449, 0.2224

Previews

White Background



This preview shows how the Yxy color 44.1727, 0.3073, 0.3358 looks on a white background.

Color Contrast Check

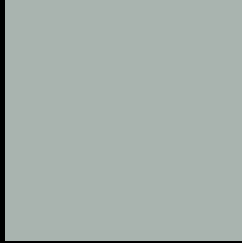
Large Text (above 18pt) WCAG AA × Fail

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 44.1727, 0.3073, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

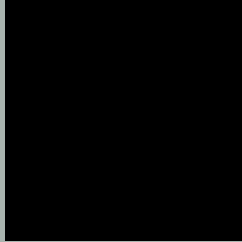
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

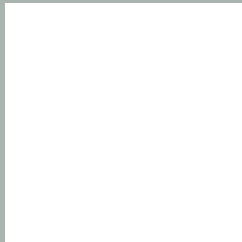
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1727, 0.3073, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 44.1727, 0.3073, 0.3358.



This preview shows how white text looks on a background with the Yxy color 44.1727, 0.3073, 0.3358.

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

44.1727, 0.3073, 0.3358

Protanopia

43.8916, 0.3196, 0.3330

Deuteranopia

44.1487, 0.3284, 0.3226



Tritanopia

44.0207, 0.2967, 0.3091

Trichromacy



Original Color

44.1727, 0.3073, 0.3358

Protanomaly

43.8474, 0.3152, 0.3330

Deuteranomaly

44.1088, 0.3208, 0.3277

Tritanomaly

44.0439, 0.3004, 0.3183

Monochromacy



Original Color

44.1727, 0.3073, 0.3358

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4631, 0.3100, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1727, 0.3073, 0.3358 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(169, 180, 175)` looks like.

```
.text, #text, p{  
    color:rgb(169, 180, 175)  
}
```

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(169, 180, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 180, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.1727, 0.3073, 0.3358 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(169, 180, 175) }
```

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

```
.border{ border-color:rgb(169, 180, 175) }
```

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

Here you see how a box with a 4 pixel rgb(169, 180, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 180, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 180, 175);  
box-shadow:4px 4px 4px 4px rgb(169, 180,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1727, 0.3073, 0.3358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 180, 175) }
```

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

```
.background{ background-color: rgb(169,  
180, 175) }
```

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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