

Converting Colors

$Y_{xy}(43.4228, 0.3175, 0.3399)$

Have a look what the booklet for
Yxy(43.4228, 0.3175, 0.3399)
contains.

Yxy(43.4228, 0.3175, 0.3399)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4228, 0.3175, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	AFB1A9
RGB	175, 177, 169
RGB Percent	69%, 69%, 66%
CMY	0.3137, 0.3059, 0.3373
CMYK	0.01, 0.00, 0.05, 0.31
HSL	75°, 5%, 68%
HSV	75°, 5%, 69%
XYZ	40.5612, 43.4228, 43.7677
YIQ	175.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

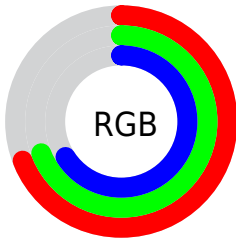
Format	Color
RYB	169, 177, 171
Decimal	11514281
CIELab	71.84, -2.19, 3.85
CIElCh	72, 4.425, 119.612
Yxy	43.4228, 0.3175, 0.3399
Android (android.graphics.Color)	4289704361 (0xFFAFB1A9)
YUV	175.4900, -3.1996, -0.4297
Hunter-Lab	65.8960, -5.4453, 6.7471

Details

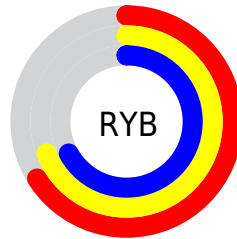
The Yxy color **43.4228, 0.3175, 0.3399** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.1977, 0.3078, 0.3180**, and the grayscale version is **43.1536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6486, 0.3170, 0.3384**, and **19.9106, 0.3194, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **42.3015, 0.3282, 0.3650**, and if you desaturate by 10%, it is **44.6546, 0.3071, 0.3163**.

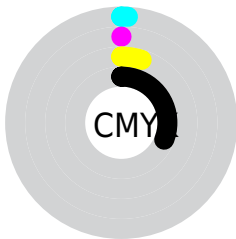
Distribution



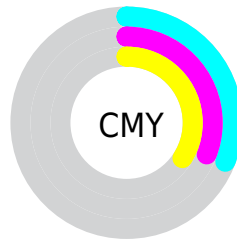
- Red (69%)
- Green (69%)
- Blue (66%)



- Red (66%)
- Yellow (69%)
- Blue (67%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4228, 0.3175, 0.3399 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 43.4228, 0.3175, 0.3399 by changing the saturation by 10% instead.


 43.4228, 0.3175,
0.3399

 43.4228, 0.3175,
0.3399


360.3477, 0.3151,
0.3344

 30.2170, 0.3181,
0.3413


 80.3485, 0.3166,
0.3379

 20.0033, 0.3189,
0.3431


104.8372, 0.3163,
0.3371

 12.3975, 0.3199,
0.3456


133.8556, 0.3160,
0.3365

 7.0150, 0.3214,
0.3492

167.7881, 0.3158,
0.3359

 3.4715, 0.3237,
0.3546

207.0192, 0.3156,
0.3355

 1.3825, 0.3274,
0.3640

251.9333, 0.3154,

 0.2038, 0.4078,

0.3350

0.5922

302.9146, 0.3152,
0.3347

0.0000, 0.0000,
0.0000

43.4228, 0.3175,
0.3399

43.4228, 0.3175,
0.3399

42.3015, 0.3282,
0.3650

44.6546, 0.3071,
0.3163

41.2813, 0.3389,
0.3912

45.9948, 0.2971,
0.2945

40.3601, 0.3491,
0.4179

47.4486, 0.2876,
0.2745

39.5336, 0.3585,
0.4443

49.0192, 0.2788,
0.2563

38.7971, 0.3666,
0.4692

50.5490, 0.2722,
0.2422

■ 38.1456, 0.3728,
0.4917

■ 51.1545, 0.2754,
0.2429

■ 37.5734, 0.3767,
0.5107

■ 51.7776, 0.2787,
0.2437

■ 37.0739, 0.3781,
0.5254

■ 52.4184, 0.2819,
0.2445

■ 36.6393, 0.3771,
0.5354

■ 53.0771, 0.2852,
0.2453

Harmonies

Analogous

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



43.4228, 0.3226, 0.3393



43.4228, 0.3175, 0.3399



43.4228, 0.3111, 0.3375

Triad

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



43.4228, 0.3175, 0.3399



43.4228, 0.3005, 0.3219



43.4228, 0.3202, 0.3253

Complementary

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



43.4228, 0.3175, 0.3399



40.1977, 0.3078, 0.3180

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.



43.4228, 0.3142, 0.3208



43.4228, 0.3175, 0.3399



43.4228, 0.3029, 0.3187

Square

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



43.4228, 0.3175, 0.3399



43.4228, 0.3014, 0.3270



43.4228, 0.3079, 0.3184



43.4228, 0.3242, 0.3309

Rectangle

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



43.4228, 0.3175, 0.3399



43.4228, 0.3071, 0.3345



43.4228, 0.3079, 0.3184



43.4228, 0.3184, 0.3236

Sweetspot

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



43.4247, 0.3175, 0.3399



78.5192, 0.3138, 0.3314



41.2809, 0.3199, 0.3316



17.0190, 0.3137, 0.3313



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.



43.4247, 0.3175, 0.3399



77.6508, 0.3181, 0.3412



42.9816, 0.3141, 0.3400



9.8954, 0.3186, 0.3425



26.4150, 0.3764, 0.5393



0.8567, 0.3890, 0.5293

Inverse Universe

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



40.1977, 0.3078, 0.3180



71.1956, 0.3072, 0.3166



40.6403, 0.3113, 0.3181



8.9920, 0.3066, 0.3153



2.7154, 0.1656, 0.0686



0.1134, 0.1959, 0.0853

Previews

White Background



This preview shows how the Yxy color 43.4228, 0.3175, 0.3399 looks on a white background.

Color Contrast Check

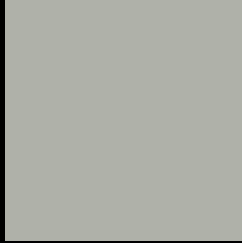
Large Text (above 18pt) WCAG AA × Fail

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 43.4228, 0.3175, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

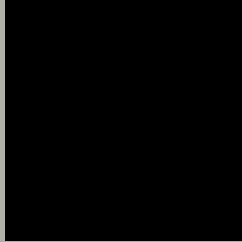
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

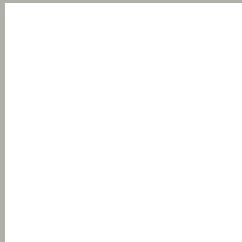
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4228, 0.3175, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 43.4228, 0.3175, 0.3399.



This preview shows how white text looks on a background with the Yxy color 43.4228, 0.3175, 0.3399.

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

43.4228, 0.3175, 0.3399

Protanopia

43.3109, 0.3239, 0.3384

Deuteranopia

43.2538, 0.3358, 0.3291



Tritanopia

43.3679, 0.3049, 0.3106

Trichromacy



Original Color

43.4228, 0.3175, 0.3399

Protanomaly

43.4615, 0.3220, 0.3398

Deuteranomaly

43.4808, 0.3288, 0.3330

Tritanomaly

43.3433, 0.3096, 0.3210

Monochromacy



Original Color

43.4228, 0.3175, 0.3399

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1818, 0.3143, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4228, 0.3175, 0.3399 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(175, 177, 169)` looks like.

```
.text, #text, p{  
    color:rgb(175, 177, 169)  
}
```

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(175, 177, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 177, 169) }
```

Border

The CSS property to change the border of an element to Yxy 43.4228, 0.3175, 0.3399 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(175, 177, 169) }
```

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

```
.border{ border-color:rgb(175, 177, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 177, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 177, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 177, 169);  
box-shadow:4px 4px 4px 4px rgb(175, 177,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4228, 0.3175, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 177, 169) }
```

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

```
.background{ background-color: rgb(175,  
177, 169) }
```

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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