

Converting Colors

$Y_{xy}(44.0094, 0.3000, 0.3349)$

Have a look what the booklet for
Yxy(44.0094, 0.3000, 0.3349)
contains.

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Color

Yxy(43.9035, 0.2999, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	A2B5B1
RGB	162, 181, 177
RGB Percent	64%, 71%, 69%
CMY	0.3646, 0.2902, 0.3059
CMYK	0.10, 0.00, 0.02, 0.29
HSL	167°, 11%, 67%
HSV	167°, 10%, 71%
XYZ	39.3622, 43.9035, 47.9854
YIQ	174.8630, -10.0400, -5.2720

Conversions

Conversions Part 2

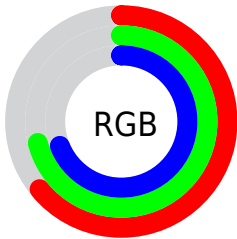
Format	Color
RYB	162, 173, 181
Decimal	10663345
CIELab	72.16, -7.32, -0.19
CIELCh	72, 7.327, 181.506
Yxy	43.9035, 0.2999, 0.3345
Android (android.graphics.Color)	4288853425 (0xFFA2B5B1)
YUV	174.8630, 1.0535, -11.2809
Hunter-Lab	66.2597, -9.9149, 3.4439

Details

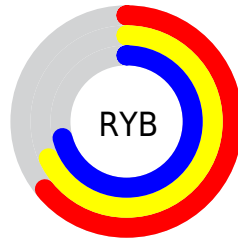
The Yxy color $43.9035, 0.2999, 0.3345$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $38.4280, 0.3273, 0.3236$, and the grayscale version is $42.7960, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2033, 0.3020, 0.3332$, and $20.2086, 0.2963, 0.3367$ is the 20% darker color. If you saturate the color by 10%, you get $41.9933, 0.2882, 0.3403$, and if you desaturate by 10%, it is $46.0946, 0.3121, 0.3292$.

Distribution



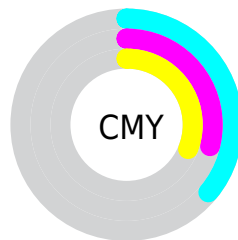
- Red (64%)
- Green (71%)
- Blue (69%)



- Red (64%)
- Yellow (68%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9035, 0.2999, 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 43.9035, 0.2999, 0.3345 by changing the saturation by 10% instead.

 43.9035, 0.2999,
0.3345


 43.9035, 0.2999,
0.3345

362.3143, 0.3064,
0.3317

 30.5947, 0.2983,
0.3352


 81.0725, 0.3023,
0.3335

 20.2904, 0.2961,
0.3361


 105.7015, 0.3032,
0.3331

 12.6063, 0.2933,
0.3373


134.8726, 0.3039,
0.3328

 7.1580, 0.2893,
0.3390

168.9703, 0.3045,
0.3325

 3.5611, 0.2832,
0.3416

208.3789, 0.3051,
0.3323

 1.4312, 0.2728,
0.3460

253.4828, 0.3056,

 0.2396, 0.0869,

0.3321

0.4257

304.6665, 0.3060,
0.3319

0.0000, 0.0000,
0.0000

43.9035, 0.2999,
0.3345

43.9035, 0.2999,
0.3345

41.9933, 0.2882,
0.3403

46.0946, 0.3121,
0.3292

40.3467, 0.2774,
0.3466

48.5719, 0.3246,
0.3245

38.9531, 0.2677,
0.3533

51.3476, 0.3372,
0.3203

37.7991, 0.2593,
0.3604

54.4315, 0.3498,
0.3165

36.8699, 0.2526,
0.3678

57.8331, 0.3620,
0.3133

■ 36.1491, 0.2477,
0.3754

■ 58.4763, 0.3608,
0.3094

■ 35.6181, 0.2447,
0.3831

■ 58.6577, 0.3575,
0.3055

■ 35.2547, 0.2436,
0.3908

■ 58.8436, 0.3542,
0.3016

■ 35.0214, 0.2439,
0.3981

■ 59.0340, 0.3509,
0.2977

Harmonies

Analogous

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



43.9035, 0.3094, 0.3427



43.9035, 0.2999, 0.3345



43.9035, 0.2939, 0.3249

Triad

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



43.9035, 0.2999, 0.3345



43.9035, 0.3053, 0.3117



43.9035, 0.3331, 0.3409

Complementary

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



43.9035, 0.2999, 0.3345



38.4280, 0.3273, 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.



43.9035, 0.3320, 0.3326



43.9035, 0.2999, 0.3345



43.9035, 0.3158, 0.3159

Square

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



43.9035, 0.2999, 0.3345



43.9035, 0.2969, 0.3119



43.9035, 0.3256, 0.3235



43.9035, 0.3286, 0.3463

Rectangle

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



43.9035, 0.2999, 0.3345



43.9035, 0.2925, 0.3191



43.9035, 0.3256, 0.3235



43.9035, 0.3333, 0.3384

Sweetspot

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



43.9053, 0.2999, 0.3345



81.4998, 0.3089, 0.3305



43.7789, 0.3150, 0.3554



17.5455, 0.3080, 0.3310



91.1408, 0.3127, 0.3290



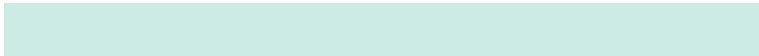
17.8868, 0.3127, 0.3290

Same Dimension

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



43.9053, 0.2999, 0.3345



77.6491, 0.2966, 0.3360



41.9235, 0.2968, 0.3215



9.6001, 0.3013, 0.3339



24.1536, 0.2437, 0.3971



0.7677, 0.2377, 0.3759

Inverse Universe

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



38.4280, 0.3273, 0.3236



65.5093, 0.3316, 0.3221



40.2180, 0.3301, 0.3364



8.5337, 0.3255, 0.3242



6.8787, 0.6011, 0.3085



0.2249, 0.5255, 0.2668

Previews

White Background



This preview shows how the Yxy color 43.9035, 0.2999, 0.3345 looks on a white background.

Color Contrast Check

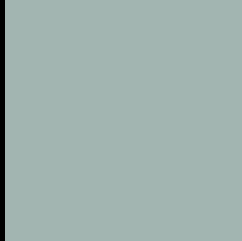
Large Text (above 18pt) WCAG AA × Fail

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 43.9035, 0.2999, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

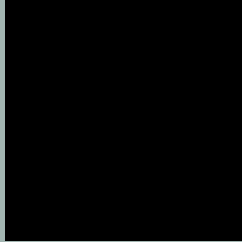
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

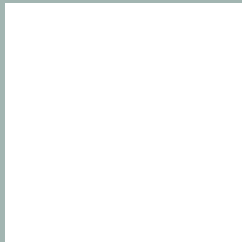
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9035, 0.2999, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 43.9035, 0.2999, 0.3345.

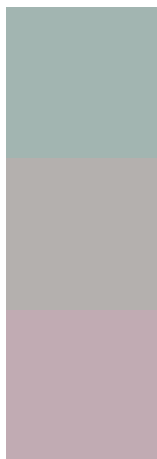


This preview shows how white text looks on a background with the Yxy color 43.9035, 0.2999, 0.3345.

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

43.9035, 0.2999, 0.3345

Protanopia

43.8100, 0.3179, 0.3317

Deuteranopia

43.7179, 0.3259, 0.3188



Tritanopia

44.0898, 0.2903, 0.3102

Trichromacy



Original Color

43.9035, 0.2999, 0.3345

Protanomaly

43.8202, 0.3108, 0.3330

Deuteranomaly

43.8194, 0.3164, 0.3251

Tritanomaly

44.1229, 0.2940, 0.3195

Monochromacy



Original Color

43.9035, 0.2999, 0.3345

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1249, 0.3075, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9035, 0.2999, 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(162, 181, 177)` looks like.

```
.text, #text, p{  
    color:rgb(162, 181, 177)  
}
```

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(162, 181, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 181, 177) }
```

Border

The CSS property to change the border of an element to Yxy 43.9035, 0.2999, 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(162, 181, 177) }
```

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

```
.border{ border-color:rgb(162, 181, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 181, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 181, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 181, 177);  
box-shadow:4px 4px 4px 4px rgb(162, 181,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9035, 0.2999, 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(162, 181, 177) }
```

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

```
.background{ background-color: rgb(162,  
181, 177) }
```

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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