

Converting Colors

$Yxy(43.0935, 0.3104, 0.3399)$

Have a look what the booklet for
Yxy(43.0935, 0.3104, 0.3399)
contains.

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Color

Yxy(43.0679, 0.3105, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	A8B2AA
RGB	168, 178, 170
RGB Percent	66%, 70%, 67%
CMY	0.3410, 0.3020, 0.3333
CMYK	0.06, 0.00, 0.04, 0.30
HSL	132°, 6%, 68%
HSV	132°, 6%, 70%
XYZ	39.3311, 43.0679, 44.2713
YIQ	174.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

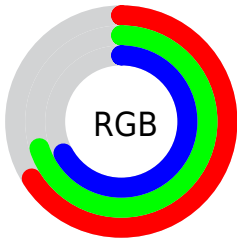
Format	Color
RYB	168, 176, 178
Decimal	11055786
CIELab	71.60, -5.00, 2.87
CIELCh	72, 5.762, 150.131
Yxy	43.0679, 0.3105, 0.3400
Android (android.graphics.Color)	4289245866 (0xFFA8B2AA)
YUV	174.0980, -2.0203, -5.3479
Hunter-Lab	65.6261, -7.8669, 5.9414

Details

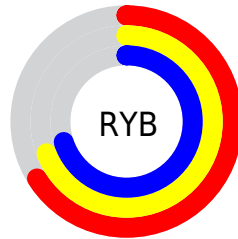
The Yxy color $43.0679, 0.3105, 0.3400$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.6206, 0.3150, 0.3182$, and the grayscale version is $42.3963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.9699, 0.3109, 0.3385$, and $19.6882, 0.3097, 0.3424$ is the 20% darker color. If you saturate the color by 10%, you get $40.7356, 0.3065, 0.3617$, and if you desaturate by 10%, it is $45.7301, 0.3144, 0.3209$.

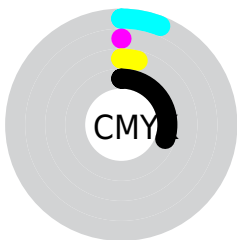
Distribution



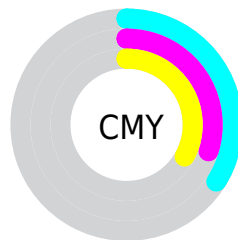
- Red (66%)
- Green (70%)
- Blue (67%)



- Red (66%)
- Yellow (69%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)




- Cyan (34%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0679, 0.3105, 0.3400 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 43.0679, 0.3105, 0.3400 by changing the saturation by 10% instead.

 43.0679, 0.3105,
0.3400


 43.0679, 0.3105,
0.3400


358.8909, 0.3116,
0.3344

 29.9384, 0.3102,
0.3414


 79.8133, 0.3109,
0.3379

 19.7918, 0.3098,
0.3433


 104.1980, 0.3111,
0.3372

 12.2438, 0.3093,
0.3459


133.1032, 0.3112,
0.3365

 6.9100, 0.3085,
0.3495

166.9134, 0.3113,
0.3360

 3.4058, 0.3073,
0.3551

206.0128, 0.3114,
0.3355

 1.3471, 0.3051,
0.3651

250.7859, 0.3115,

 0.1772, 0.2078,

0.3351

0.7922

301.6172, 0.3116,
0.3347

0.0000, 0.0000,
0.0000

43.0679, 0.3105,
0.3400

43.0679, 0.3105,
0.3400

40.7356, 0.3065,
0.3617

45.7301, 0.3144,
0.3209

38.7150, 0.3025,
0.3860

48.7287, 0.3182,
0.3042

36.9944, 0.2988,
0.4127

52.0769, 0.3218,
0.2896

35.5595, 0.2955,
0.4415

55.7854, 0.3252,
0.2770

34.3944, 0.2929,
0.4713

59.4760, 0.3267,
0.2658

■ 33.4820, 0.2913,
0.5010

■ 60.3179, 0.3163,
0.2536

■ 32.8030, 0.2909,
0.5290

■ 32.3353, 0.2917,
0.5535

■ 32.0514, 0.2937,
0.5731

Harmonies

Analogous

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



43.0679, 0.3188, 0.3432



43.0679, 0.3105, 0.3400



43.0679, 0.3029, 0.3337

Triad

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



43.0679, 0.3105, 0.3400



43.0679, 0.3000, 0.3156



43.0679, 0.3278, 0.3316

Complementary

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



43.0679, 0.3105, 0.3400



40.6206, 0.3150, 0.3182

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.



43.0679, 0.3226, 0.3243



43.0679, 0.3105, 0.3400



43.0679, 0.3065, 0.3152

Square

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



43.0679, 0.3105, 0.3400



43.0679, 0.2968, 0.3195



43.0679, 0.3148, 0.3184



43.0679, 0.3289, 0.3382

Rectangle

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



43.0679, 0.3105, 0.3400



43.0679, 0.2992, 0.3287



43.0679, 0.3148, 0.3184



43.0679, 0.3265, 0.3291

Sweetspot

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



43.0697, 0.3105, 0.3400



79.7583, 0.3119, 0.3329



43.9164, 0.3192, 0.3425



17.6817, 0.3120, 0.3327



91.1408, 0.3127, 0.3290



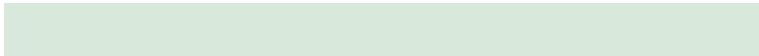
17.8868, 0.3127, 0.3290

Same Dimension

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



43.0697, 0.3105, 0.3400



77.4258, 0.3099, 0.3432



43.2563, 0.3067, 0.3333



9.6178, 0.3098, 0.3439



22.8770, 0.2940, 0.5785



0.7278, 0.2800, 0.5281

Inverse Universe

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



40.6206, 0.3150, 0.3182



71.8255, 0.3157, 0.3152



40.4325, 0.3192, 0.3247



8.8894, 0.3158, 0.3146



8.1983, 0.3771, 0.1851



0.2653, 0.3588, 0.1750

Previews

White Background



This preview shows how the Yxy color 43.0679, 0.3105, 0.3400 looks on a white background.

Color Contrast Check

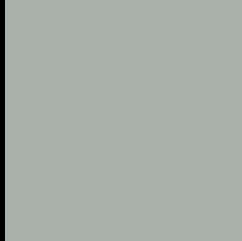
Large Text (above 18pt) WCAG AA × Fail

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 43.0679, 0.3105, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

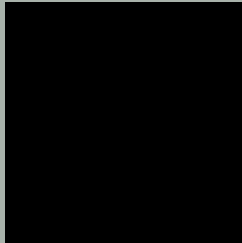
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

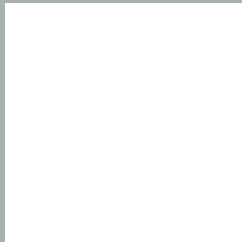
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0679, 0.3105, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 43.0679, 0.3105, 0.3400.



This preview shows how white text looks on a background with the Yxy color 43.0679, 0.3105, 0.3400.

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

43.0679, 0.3105, 0.3400

Protanopia

42.8026, 0.3231, 0.3371

Deuteranopia

42.6919, 0.3323, 0.3252



Tritanopia

42.9920, 0.2981, 0.3103

Trichromacy



Original Color

43.0679, 0.3105, 0.3400

Protanomaly

42.7546, 0.3186, 0.3372

Deuteranomaly

42.6357, 0.3244, 0.3304

Tritanomaly

42.9741, 0.3027, 0.3209

Monochromacy



Original Color

43.0679, 0.3105, 0.3400

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4477, 0.3117, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0679, 0.3105, 0.3400 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(168, 178, 170)` looks like.

```
.text, #text, p{  
    color:rgb(168, 178, 170)  
}
```

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(168, 178, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 178, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.0679, 0.3105, 0.3400 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(168, 178, 170) }
```

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

```
.border{ border-color:rgb(168, 178, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 178, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 178, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 178, 170);  
box-shadow:4px 4px 4px 4px rgb(168, 178,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0679, 0.3105, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 178, 170) }
```

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

```
.background{ background-color: rgb(168,  
178, 170) }
```

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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