

Converting Colors

Yxy(43.9459, 0.3088, 0.3400)

Have a look what the booklet for
Yxy(43.9459, 0.3088, 0.3400)
contains.

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Color

Yxy(43.9459, 0.3088, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	A8B4AC
RGB	168, 180, 172
RGB Percent	66%, 71%, 67%
CMY	0.3412, 0.2941, 0.3256
CMYK	0.07, 0.00, 0.04, 0.29
HSL	140°, 7%, 68%
HSV	140°, 7%, 71%
XYZ	39.9132, 43.9459, 45.3935
YIQ	175.5000, -4.5840, -5.0320

Conversions

Conversions Part 2

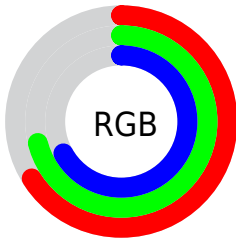
Format	Color
RYB	168, 177, 180
Decimal	11056300
CIELab	72.19, -5.72, 2.65
CIELCh	72, 6.299, 155.148
Yxy	43.9459, 0.3088, 0.3400
Android (android.graphics.Color)	4289246380 (0xFFA8B4AC)
YUV	175.5000, -1.7255, -6.5775
Hunter-Lab	66.2917, -8.5384, 5.8051

Details

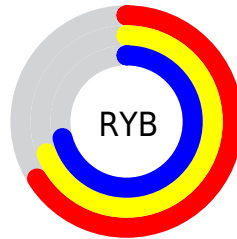
The Yxy color $43.9459, 0.3088, 0.3400$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $40.8445, 0.3169, 0.3182$, and the grayscale version is $43.1531, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2249, 0.3096, 0.3385$, and $20.2478, 0.3074, 0.3423$ is the 20% darker color. If you saturate the color by 10%, you get $41.6650, 0.3030, 0.3582$, and if you desaturate by 10%, it is $46.5460, 0.3147, 0.3238$.

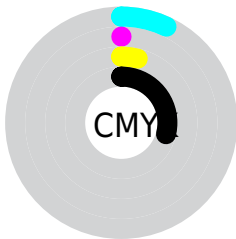
Distribution



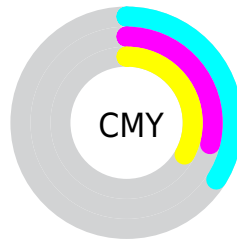
- Red (66%)
- Green (71%)
- Blue (67%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)




- Cyan (34%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9459, 0.3088, 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 43.9459, 0.3088, 0.3400 by changing the saturation by 10% instead.


 43.9459, 0.3088,
0.3400

 43.9459, 0.3088,
0.3400


362.4875, 0.3108,
0.3344

 30.6280, 0.3083,
0.3414


 81.1363, 0.3095,
0.3379

 20.3157, 0.3076,
0.3433


 105.7776, 0.3098,
0.3372

 12.6248, 0.3067,
0.3458


134.9622, 0.3100,
0.3365

 7.1707, 0.3054,
0.3494

169.0744, 0.3102,
0.3360

 3.5691, 0.3034,
0.3549

208.4986, 0.3104,
0.3355

 1.4356, 0.2999,
0.3646

253.6193, 0.3106,

 0.2427, 0.2207,

0.3351

0.5876

304.8208, 0.3107,
0.3347

0.0000, 0.0000,
0.0000

43.9459, 0.3088,
0.3400

43.9459, 0.3088,
0.3400

41.6650, 0.3030,
0.3582

46.5460, 0.3147,
0.3238

39.6854, 0.2973,
0.3785

49.4713, 0.3204,
0.3096

37.9958, 0.2921,
0.4008


52.7346, 0.3260,
0.2972


36.5823, 0.2877,
0.4248


56.3464, 0.3313,
0.2863


35.4295, 0.2842,
0.4501


59.7430, 0.3339,
0.2764


 34.5206, 0.2821,
0.4758

 60.4519, 0.3243,
0.2652

 33.8368, 0.2816,
0.5009

 61.1258, 0.3162,
0.2556

 33.3563, 0.2828,
0.5244

 33.0497, 0.2856,
0.5452

Harmonies

Analogous

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



43.9459, 0.3179, 0.3442



43.9459, 0.3088, 0.3400



43.9459, 0.3009, 0.3328

Triad

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



43.9459, 0.3088, 0.3400



43.9459, 0.2999, 0.3141



43.9459, 0.3296, 0.3331

Complementary

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



43.9459, 0.3088, 0.3400



40.8445, 0.3169, 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.



43.9459, 0.3246, 0.3252



43.9459, 0.3088, 0.3400



43.9459, 0.3074, 0.3143

Square

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



43.9459, 0.3088, 0.3400



43.9459, 0.2958, 0.3178



43.9459, 0.3165, 0.3184



43.9459, 0.3300, 0.3400

Rectangle

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



43.9459, 0.3088, 0.3400



43.9459, 0.2973, 0.3273



43.9459, 0.3165, 0.3184



43.9459, 0.3284, 0.3304

Sweetspot

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



43.9478, 0.3088, 0.3400



81.7912, 0.3115, 0.3323



44.7268, 0.3191, 0.3452



17.6890, 0.3116, 0.3321



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.



43.9478, 0.3088, 0.3400



79.0374, 0.3079, 0.3425



44.1769, 0.3042, 0.3320



9.5349, 0.3072, 0.3446



23.0182, 0.2859, 0.5494



0.7353, 0.2692, 0.4893

Inverse Universe

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



40.8445, 0.3169, 0.3182



72.2430, 0.3178, 0.3158



40.6184, 0.3219, 0.3261



8.5979, 0.3186, 0.3139



7.7390, 0.4246, 0.2113



0.2538, 0.3891, 0.1917

Previews

White Background



This preview shows how the Yxy color 43.9459, 0.3088, 0.3400 looks on a white background.

Color Contrast Check

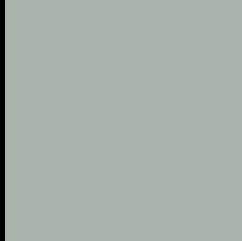
Large Text (above 18pt) WCAG AA × Fail

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 43.9459, 0.3088, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

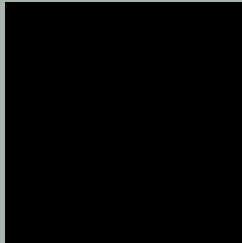
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

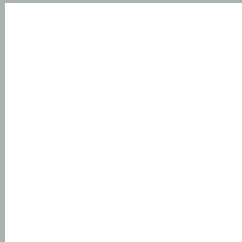
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9459, 0.3088, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 43.9459, 0.3088, 0.3400.



This preview shows how white text looks on a background with the Yxy color 43.9459, 0.3088, 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

43.9459, 0.3088, 0.3400

Protanopia

43.8980, 0.3230, 0.3370

Deuteranopia

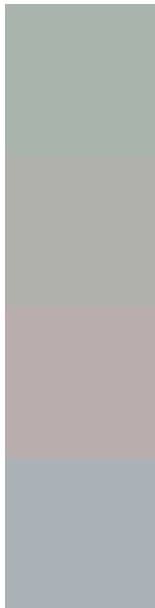
43.7839, 0.3321, 0.3252



Tritanopia

43.8638, 0.2966, 0.3104

Trichromacy



Original Color

43.9459, 0.3088, 0.3400

Protanomaly

43.7317, 0.3176, 0.3371

Deuteranomaly

43.6035, 0.3234, 0.3304

Tritanomaly

43.8475, 0.3012, 0.3209

Monochromacy



Original Color

43.9459, 0.3088, 0.3400

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4237, 0.3108, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9459, 0.3088, 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, 180, 172)` looks like.

```
.text, #text, p{  
    color:rgb(168, 180, 172)  
}
```

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, 180, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 180, 172) }
```

Border

The CSS property to change the border of an element to Yxy 43.9459, 0.3088, 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, 180, 172) }
```

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

```
.border{ border-color:rgb(168, 180, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 180, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 180, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 180, 172); box-shadow:4px 4px 4px 4px rgb(168, 180, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9459, 0.3088, 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, 180, 172) }
```

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

```
.background{ background-color: rgb(168,  
180, 172) }
```

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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