

Converting Colors

$Y_{xy}(43.9025, 0.3184, 0.3470)$

Have a look what the booklet for
Yxy(43.9025, 0.3184, 0.3470)
contains.

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Color

Yxy(43.8776, 0.3180, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	ADB3A6
RGB	173, 179, 166
RGB Percent	68%, 70%, 65%
CMY	0.3216, 0.2980, 0.3491
CMYK	0.03, 0.00, 0.07, 0.30
HSL	88°, 8%, 68%
HSV	88°, 7%, 70%
XYZ	40.2338, 43.8776, 42.4100
YIQ	175.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

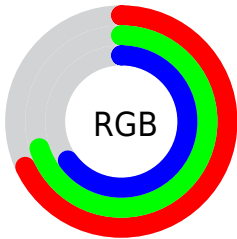
Format	Color
RYB	166, 179, 172
Decimal	11383718
CIELab	72.15, -4.52, 5.92
CIELCh	72, 7.445, 127.374
Yxy	43.8776, 0.3180, 0.3468
Android (android.graphics.Color)	4289573798 (0xFFADB3A6)
YUV	175.7240, -4.7939, -2.3889
Hunter-Lab	66.2402, -7.5007, 8.4080

Details

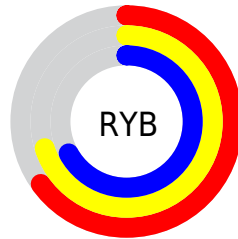
The Yxy color $43.8776, 0.3180, 0.3468$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.2849, 0.3071, 0.3112$, and the grayscale version is $43.2898, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1311, 0.3167, 0.3438$, and $20.2016, 0.3201, 0.3517$ is the 20% darker color. If you saturate the color by 10%, you get $42.3559, 0.3252, 0.3730$, and if you desaturate by 10%, it is $45.5527, 0.3108, 0.3226$.

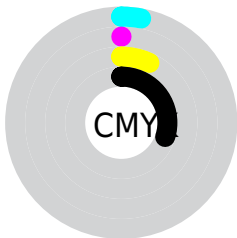
Distribution



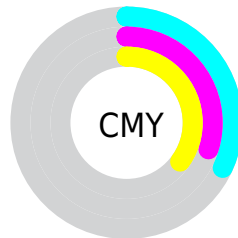
- Red (68%)
- Green (70%)
- Blue (65%)



- Red (65%)
- Yellow (70%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8776, 0.3180, 0.3468 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 43.8776, 0.3180, 0.3468 by changing the saturation by 10% instead.

■ 43.8776, 0.3180,
0.3468

■ 43.8776, 0.3180,
0.3468

362.2086, 0.3154,
0.3377

■ 30.5743, 0.3187,
0.3491

■ 81.0335, 0.3170,
0.3435

■ 20.2749, 0.3195,
0.3521

■ 105.6549, 0.3167,
0.3422

■ 12.5950, 0.3206,
0.3562

134.8178, 0.3164,
0.3412

■ 7.1503, 0.3221,
0.3621

168.9066, 0.3161,
0.3403

■ 3.5563, 0.3244,
0.3711

208.3057, 0.3159,
0.3395

■ 1.4286, 0.3281,
0.3868

253.3995, 0.3157,

■ 0.2376, 0.3272,

0.3388

0.6728

304.5723, 0.3155,
0.3383

0.0000, 0.0000,
0.0000

43.8776, 0.3180,
0.3468

43.8776, 0.3180,
0.3468

42.3559, 0.3252,
0.3730

45.5527, 0.3108,
0.3226

40.9770, 0.3322,
0.4008

47.3799, 0.3037,
0.3006

39.7378, 0.3386,
0.4297

49.3656, 0.2970,
0.2807

38.6328, 0.3440,
0.4588

51.5139, 0.2906,
0.2629

37.6563, 0.3480,
0.4869

53.7982, 0.2850,
0.2473

■ 36.8017, 0.3501,
0.5126

■ 55.0734, 0.2912,
0.2488

■ 36.0620, 0.3501,
0.5345

■ 56.4125, 0.2974,
0.2503

■ 35.4291, 0.3478,
0.5516

■ 57.8162, 0.3038,
0.2517

■ 34.8917, 0.3435,
0.5636

■ 59.2856, 0.3102,
0.2532

Harmonies

Analogous

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



43.8776, 0.3274, 0.3471



43.8776, 0.3180, 0.3468



43.8776, 0.3073, 0.3415

Triad

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



43.8776, 0.3180, 0.3468



43.8776, 0.2929, 0.3152



43.8776, 0.3274, 0.3252

Complementary

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



43.8776, 0.3180, 0.3468



39.2849, 0.3071, 0.3112

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.



43.8776, 0.3179, 0.3170



43.8776, 0.3180, 0.3468



43.8776, 0.2981, 0.3112

Square

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



43.8776, 0.3180, 0.3468



43.8776, 0.2929, 0.3230



43.8776, 0.3072, 0.3119



43.8776, 0.3330, 0.3344

Rectangle

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



43.8776, 0.3180, 0.3468



43.8776, 0.3009, 0.3359



43.8776, 0.3072, 0.3119



43.8776, 0.3246, 0.3222

Sweetspot

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



43.8795, 0.3180, 0.3468



80.1183, 0.3142, 0.3339



41.7798, 0.3242, 0.3370



17.7574, 0.3141, 0.3336



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.



43.8795, 0.3180, 0.3468



78.0493, 0.3194, 0.3515



43.1699, 0.3124, 0.3471



9.7081, 0.3195, 0.3520



24.5975, 0.3430, 0.5658



0.8082, 0.3640, 0.5492

Inverse Universe

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



39.2849, 0.3071, 0.3112



67.8395, 0.3056, 0.3064



40.0237, 0.3129, 0.3115



8.4157, 0.3055, 0.3060



3.6217, 0.1964, 0.0856



0.1488, 0.2290, 0.1035

Previews

White Background



This preview shows how the Yxy color 43.8776, 0.3180, 0.3468 looks on a white background.

Color Contrast Check

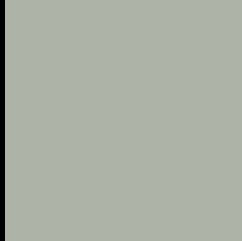
Large Text (above 18pt) WCAG AA × Fail

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 43.8776, 0.3180, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

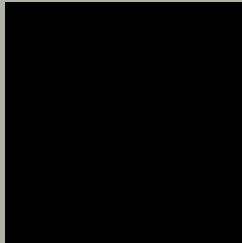
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

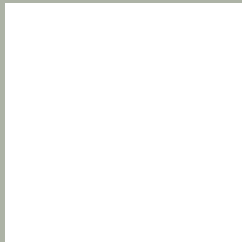
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8776, 0.3180, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 43.8776, 0.3180, 0.3468.



This preview shows how white text looks on a background with the Yxy color 43.8776, 0.3180, 0.3468.

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

43.8776, 0.3180, 0.3468

Protanopia

43.7983, 0.3290, 0.3451

Deuteranopia

43.8233, 0.3393, 0.3329



Tritanopia

44.0719, 0.3032, 0.3119

Trichromacy



Original Color

43.8776, 0.3180, 0.3468

Protanomaly

43.7446, 0.3244, 0.3452

Deuteranomaly

43.7535, 0.3313, 0.3383

Tritanomaly

44.0106, 0.3086, 0.3237

Monochromacy



Original Color

43.8776, 0.3180, 0.3468

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5368, 0.3150, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8776, 0.3180, 0.3468 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(173, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 179, 166)  
}
```

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(173, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 179, 166) }
```

Border

The CSS property to change the border of an element to Yxy 43.8776, 0.3180, 0.3468 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(173, 179, 166) }
```

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

```
.border{ border-color:rgb(173, 179, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 179, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 179, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 179, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 179,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8776, 0.3180, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 179, 166) }
```

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

```
.background{ background-color: rgb(173,  
179, 166) }
```

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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