

Converting Colors

Yxy(43.3621, 0.3068, 0.3625)

Have a look what the booklet for
Yxy(43.3621, 0.3068, 0.3625)
contains.

Yxy(43.3736, 0.3070, 0.3619) 3

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Color

Yxy(43.3736, 0.3070, 0.3619)

Conversions

Conversions Part 1	
Format	Color
Hex	9BB7A0
RGB	155, 183, 160
RGB Percent	61%, 72%, 63%
CMY	0.3922, 0.2823, 0.3726
CMYK	0.15, 0.00, 0.13, 0.28
HSL	131°, 16%, 66%
HSV	131°, 15%, 72%
XYZ	36.7939, 43.3736, 39.6822
YIQ	172.0060, -9.3050, -13.0890

Conversions

Conversions Part 2

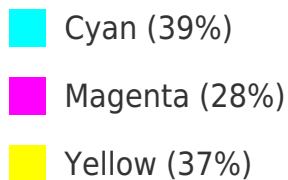
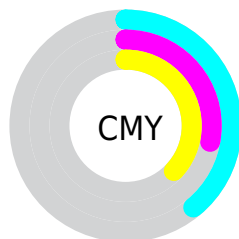
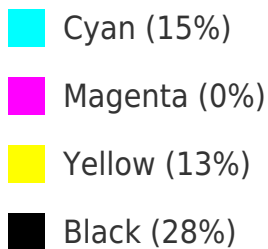
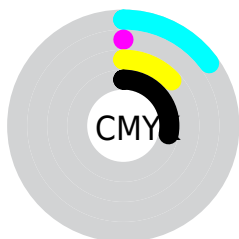
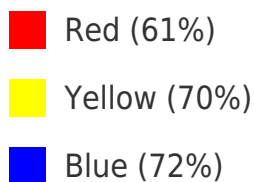
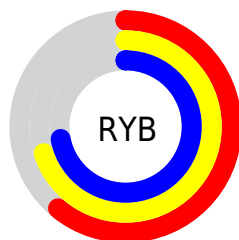
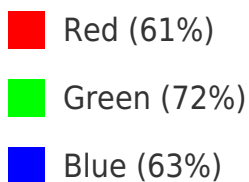
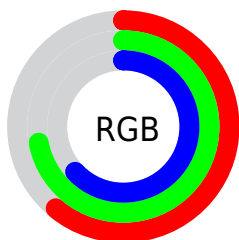
Format	Color
RYB	155, 179, 183
Decimal	10205088
CIELab	71.81, -14.08, 8.53
CIELCh	72, 16.463, 148.779
Yxy	43.3736, 0.3070, 0.3619
Android (android.graphics.Color)	4288395168 (0xFF9BB7A0)
YUV	172.0060, -5.9190, -14.9143
Hunter-Lab	65.8586, -15.5284, 10.3767

Details

The Yxy color $43.3736, 0.3070, 0.3619$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $36.7237, 0.3190, 0.2982$, and the grayscale version is $41.2918, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3409, 0.3082, 0.3552$, and $20.0124, 0.3051, 0.3711$ is the 20% darker color. If you saturate the color by 10%, you get $41.2050, 0.3033, 0.3868$, and if you desaturate by 10%, it is $45.8839, 0.3108, 0.3397$.


Distribution



Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3736, 0.3070, 0.3619 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 43.3736, 0.3070, 0.3619 by changing the saturation by 10% instead.

 43.3736, 0.3070,
0.3619


 43.3736, 0.3070,
0.3619

360.1459, 0.3101,
0.3449

 30.1784, 0.3062,
0.3663


 80.2743, 0.3082,
0.3556

 19.9740, 0.3050,
0.3722

 104.7486, 0.3086,
0.3532

 12.3762, 0.3035,
0.3801

133.7514, 0.3089,
0.3513

 7.0004, 0.3011,
0.3917

167.6670, 0.3092,
0.3496

 3.4623, 0.2971,
0.4099

206.8798, 0.3095,
0.3482

 1.3776, 0.2899,
0.4438


251.7744, 0.3097,

 0.2001, 0.0000,


0.3470


1.0000


302.7349, 0.3099,
0.3459


 0.0000, 0.0000,
0.0000

 43.3736, 0.3070,
0.3619


 43.3736, 0.3070,
0.3619


 41.2050, 0.3033,
0.3868


 45.8839, 0.3108,
0.3397


 39.3582, 0.2997,
0.4142


 48.7442, 0.3144,
0.3202


 37.8192, 0.2966,
0.4436


 51.9693, 0.3179,
0.3031


 36.5711, 0.2941,
0.4741


 55.5712, 0.3213,
0.2883

 35.5954, 0.2926,
0.5044

 59.5619, 0.3244,
0.2754

 34.8711, 0.2921,
0.5326

 62.0465, 0.3196,
0.2628

 34.3745, 0.2928,
0.5571

 62.3500, 0.3160,
0.2585

 34.0763, 0.2946,
0.5763

 33.9776, 0.2954,
0.5834

Harmonies

Analogous

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



43.3736, 0.3306, 0.3706



43.3736, 0.3070, 0.3619



43.3736, 0.2855, 0.3433

Triad

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



43.3736, 0.3070, 0.3619



43.3736, 0.2762, 0.2914



43.3736, 0.3556, 0.3344

Complementary

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



43.3736, 0.3070, 0.3619



36.7237, 0.3190, 0.2982

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.



43.3736, 0.3400, 0.3148



43.3736, 0.3070, 0.3619



43.3736, 0.2938, 0.2905

Square

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



43.3736, 0.3070, 0.3619



43.3736, 0.2682, 0.3022



43.3736, 0.3171, 0.2990



43.3736, 0.3593, 0.3535

Rectangle

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



43.3736, 0.3070, 0.3619



43.3736, 0.2751, 0.3284



43.3736, 0.3171, 0.2990



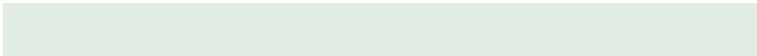
43.3736, 0.3516, 0.3277

Sweetspot

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



43.3754, 0.3070, 0.3619



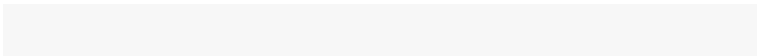
82.2783, 0.3108, 0.3392



45.7414, 0.3311, 0.3668



18.0986, 0.3106, 0.3407



93.3107, 0.3127, 0.3290



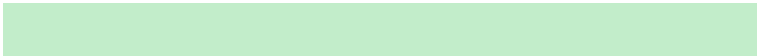
18.7317, 0.3127, 0.3290

Same Dimension

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



43.3754, 0.3070, 0.3619



76.4534, 0.3059, 0.3691



43.8811, 0.2967, 0.3421



10.0855, 0.3092, 0.3483



23.7086, 0.2949, 0.5818



0.8438, 0.2826, 0.5373

Inverse Universe

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



36.7237, 0.3190, 0.2982



62.5080, 0.3204, 0.2920



36.2010, 0.3319, 0.3163



9.1345, 0.3164, 0.3104



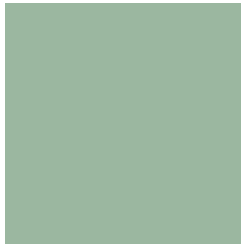
8.5774, 0.3711, 0.1818



0.3097, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 43.3736, 0.3070, 0.3619 looks on a white background.

Color Contrast Check

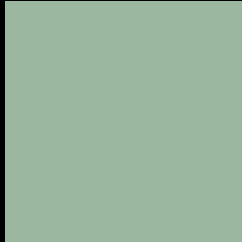
Large Text (above 18pt) WCAG AA × Fail

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 43.3736, 0.3070, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

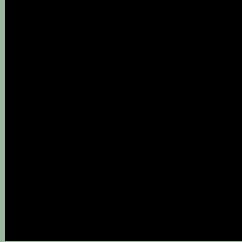
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

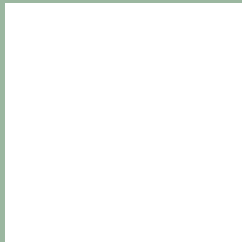
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3736, 0.3070, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 43.3736, 0.3070, 0.3619.



This preview shows how white text looks on a background with the Yxy color 43.3736, 0.3070, 0.3619.

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

43.3736, 0.3070, 0.3619

Protanopia

43.1275, 0.3360, 0.3546

Deuteranopia

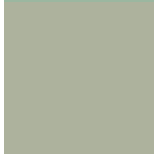

42.8906, 0.3442, 0.3368




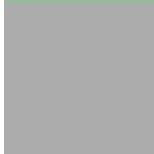
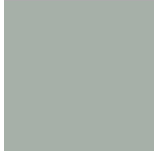
Tritanopia

43.2681, 0.2871, 0.3086

Trichromacy

	Original Color 43.3736, 0.3070, 0.3619
	Protanomaly 43.1593, 0.3255, 0.3580
	Deuteranomaly 42.8258, 0.3301, 0.3452
	Tritanomaly 43.3496, 0.2944, 0.3276

Monochromacy

	Original Color 43.3736, 0.3070, 0.3619
	Achromatopsia 41.2543, 0.3127, 0.3290
	Achromatomaly 41.9848, 0.3104, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3736, 0.3070, 0.3619 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(155, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(155, 183, 160)  
}
```

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(155, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 183, 160) }
```

Border

The CSS property to change the border of an element to Yxy 43.3736, 0.3070, 0.3619 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(155, 183, 160) }
```

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

```
.border{ border-color:rgb(155, 183, 160) }
```

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

Here you see how a box with a 4 pixel rgb(155, 183, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(155, 183,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3736, 0.3070, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 183, 160) }
```

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

```
.background{ background-color: rgb(155,  
183, 160) }
```

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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