

Converting Colors

$Yxy(43.0713, 0.2964, 0.3388)$

Have a look what the booklet for
Yxy(43.0713, 0.2964, 0.3388)
contains.

Yxy(43.0723, 0.2964, 0.3388)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0723, 0.2964, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	9BB5AE
RGB	155, 181, 174
RGB Percent	61%, 71%, 68%
CMY	0.3922, 0.2902, 0.3176
CMYK	0.14, 0.00, 0.04, 0.29
HSL	164°, 15%, 66%
HSV	164°, 14%, 71%
XYZ	37.6819, 43.0723, 46.3777
YIQ	172.4280, -13.2490, -7.6890

Conversions

Conversions Part 2

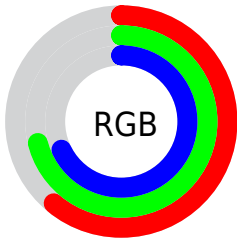
Format	Color
RYB	155, 170, 181
Decimal	10204590
CIELab	71.60, -10.29, 0.56
CIELCh	72, 10.307, 176.880
Yxy	43.0723, 0.2964, 0.3388
Android (android.graphics.Color)	4288394670 (0xFF9BB5AE)
YUV	172.4280, 0.7750, -15.2844
Hunter-Lab	65.6295, -12.3638, 4.0428

Details

The Yxy color $43.0723, 0.2964, 0.3388$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $35.8748, 0.3321, 0.3194$, and the grayscale version is $41.4852, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.9272, 0.2999, 0.3376$, and $19.7865, 0.2918, 0.3408$ is the 20% darker color. If you saturate the color by 10%, you get $41.2290, 0.2857, 0.3465$, and if you desaturate by 10%, it is $45.1945, 0.3077, 0.3318$.

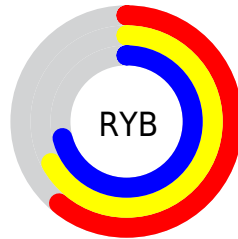
Distribution



Red (61%)

Green (71%)

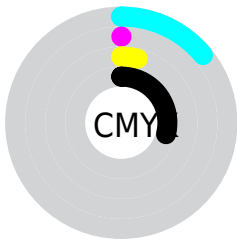
Blue (68%)



Red (61%)

Yellow (67%)

Blue (71%)

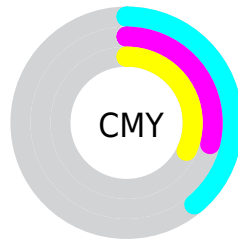


Cyan (14%)

Magenta (0%)

Yellow (4%)

Black (29%)



Cyan (39%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0723, 0.2964, 0.3388 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 43.0723, 0.2964, 0.3388 by changing the saturation by 10% instead.

 43.0723, 0.2964,
0.3388


 43.0723, 0.2964,
0.3388


358.9090, 0.3047,
0.3338

 29.9418, 0.2943,
0.3401


 79.8200, 0.2994,
0.3370

 19.7945, 0.2916,
0.3417


 104.2059, 0.3006,
0.3363

 12.2457, 0.2879,
0.3439


133.1126, 0.3015,
0.3357

 6.9113, 0.2827,
0.3471

166.9242, 0.3023,
0.3352

 3.4067, 0.2747,
0.3519

206.0253, 0.3030,
0.3348

 1.3475, 0.2611,
0.3603

250.8002, 0.3037,

 0.1776, 0.0000,

0.3344

0.5354

301.6333, 0.3042,
0.3341

0.0000, 0.0000,
0.0000

43.0723, 0.2964,
0.3388

43.0723, 0.2964,
0.3388

41.2290, 0.2857,
0.3465

45.1945, 0.3077,
0.3318

39.6473, 0.2759,
0.3548

47.6014, 0.3193,
0.3255

38.3161, 0.2672,
0.3636

50.3055, 0.3310,
0.3199

37.2213, 0.2599,
0.3730

53.3168, 0.3427,
0.3149

36.3477, 0.2543,
0.3828

56.6449, 0.3541,
0.3106

■ 35.6779, 0.2506,
0.3927

■ 58.6310, 0.3580,
0.3061

■ 35.1922, 0.2488,
0.4028

■ 58.8670, 0.3538,
0.3012

■ 34.8666, 0.2490,
0.4128

■ 59.1103, 0.3497,
0.2963

■ 34.7245, 0.2496,
0.4184

■ 59.3611, 0.3456,
0.2914

Harmonies

Analogous

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



43.0723, 0.3102, 0.3499



43.0723, 0.2964, 0.3388



43.0723, 0.2870, 0.3252

Triad

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



43.0723, 0.2964, 0.3388



43.0723, 0.3001, 0.3043



43.0723, 0.3419, 0.3441

Complementary

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



43.0723, 0.2964, 0.3388



35.8748, 0.3321, 0.3194

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.



43.0723, 0.3391, 0.3319



43.0723, 0.2964, 0.3388



43.0723, 0.3147, 0.3094

Square

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



43.0723, 0.2964, 0.3388



43.0723, 0.2891, 0.3055



43.0723, 0.3290, 0.3194



43.0723, 0.3367, 0.3526

Rectangle

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



43.0723, 0.2964, 0.3388



43.0723, 0.2844, 0.3167



43.0723, 0.3290, 0.3194



43.0723, 0.3419, 0.3403

Sweetspot

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



43.0741, 0.2964, 0.3388



81.0607, 0.3080, 0.3316



43.1356, 0.3173, 0.3658



17.4549, 0.3072, 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.



43.0741, 0.2964, 0.3388



76.1276, 0.2932, 0.3410



41.1087, 0.2910, 0.3210



9.5918, 0.3020, 0.3352



23.9493, 0.2492, 0.4171



0.7626, 0.2415, 0.3895

Inverse Universe

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



35.8748, 0.3321, 0.3194



60.9272, 0.3368, 0.3174



37.5524, 0.3378, 0.3369



8.5416, 0.3246, 0.3229



6.9333, 0.5834, 0.2988



0.2281, 0.5032, 0.2545

Previews

White Background



This preview shows how the Yxy color 43.0723, 0.2964, 0.3388 looks on a white background.

Color Contrast Check

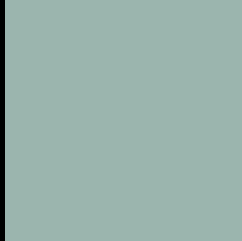
Large Text (above 18pt) WCAG AA × Fail

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 43.0723, 0.2964, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

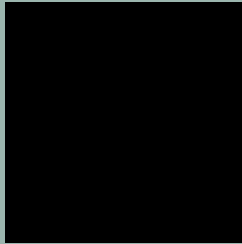
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

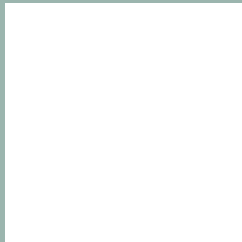
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0723, 0.2964, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 43.0723, 0.2964, 0.3388.



This preview shows how white text looks on a background with the Yxy color 43.0723, 0.2964, 0.3388.

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

43.0723, 0.2964, 0.3388

Protanopia

42.7581, 0.3205, 0.3344

Deuteranopia

42.9604, 0.3268, 0.3213



Tritanopia

42.9157, 0.2854, 0.3098

Trichromacy



Original Color

43.0723, 0.2964, 0.3388

Protanomaly

42.9306, 0.3115, 0.3372

Deuteranomaly

42.8322, 0.3154, 0.3277

Tritanomaly

42.9111, 0.2898, 0.3206

Monochromacy



Original Color

43.0723, 0.2964, 0.3388

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7841, 0.3065, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0723, 0.2964, 0.3388 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, 181, 174)` looks like.

```
.text, #text, p{  
    color:rgb(155, 181, 174)  
}
```

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, 181, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 181, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.0723, 0.2964, 0.3388 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, 181, 174) }
```

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

```
.border{ border-color:rgb(155, 181, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 181, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 181, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 181, 174);  
box-shadow:4px 4px 4px 4px rgb(155, 181,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0723, 0.2964, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 181, 174) }
```

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

```
.background{ background-color: rgb(155,  
181, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor