

Converting Colors

$Yxy(44.1551, 0.2941, 0.3452)$

Have a look what the booklet for
Yxy(44.1551, 0.2941, 0.3452)
contains.

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Color

Yxy(44.2944, 0.2941, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	97B9AD
RGB	151, 185, 173
RGB Percent	59%, 73%, 68%
CMY	0.4076, 0.2745, 0.3216
CMYK	0.18, 0.00, 0.06, 0.27
HSL	159°, 20%, 66%
HSV	159°, 18%, 73%
XYZ	37.6611, 44.2944, 46.1000
YIQ	173.4660, -16.4120, -10.9400

Conversions

Conversions Part 2

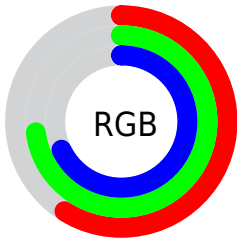
Format	Color
RYB	151, 172, 185
Decimal	9943469
CIELab	72.42, -13.90, 2.28
CIELCh	72, 14.083, 170.694
Yxy	44.2944, 0.2941, 0.3459
Android (android.graphics.Color)	4288133549 (0xFF97B9AD)
YUV	173.4660, -0.2297, -19.7027
Hunter-Lab	66.5540, -15.4613, 5.5194

Details

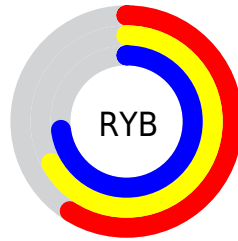
The Yxy color **44.2944, 0.2941, 0.3459** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.1089, 0.3358, 0.3127**, and the grayscale version is **42.0524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6338, 0.2980, 0.3431**, and **20.5923, 0.2888, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **42.4153, 0.2847, 0.3565**, and if you desaturate by 10%, it is **46.4673, 0.3041, 0.3363**.

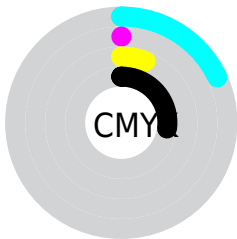
Distribution



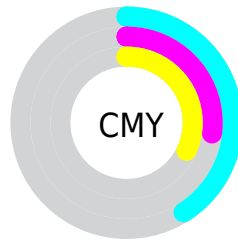
- Red (59%)
- Green (73%)
- Blue (68%)



- Red (59%)
- Yellow (67%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (41%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2944, 0.2941, 0.3459 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 44.2944, 0.2941, 0.3459 by changing the saturation by 10% instead.

■ 44.2944, 0.2941,
0.3459

■ 44.2944, 0.2941,
0.3459

363.9083, 0.3035,
0.3373

■ 30.9020, 0.2917,
0.3481

■ 81.6606, 0.2976,
0.3427

■ 20.5243, 0.2886,
0.3510

■ 106.4031, 0.2988,
0.3416

■ 12.7767, 0.2844,
0.3548

135.6979, 0.2999,
0.3406

■ 7.2750, 0.2785,
0.3603

169.9292, 0.3009,
0.3397

■ 3.6346, 0.2695,
0.3689

209.4815, 0.3017,
0.3390

■ 1.4714, 0.2541,
0.3837

254.7392, 0.3024,

■ 0.2684, 0.0000,

0.3384

0.6686

306.0867, 0.3030,
0.3378

0.0000, 0.0000,
0.0000

44.2944, 0.2941,
0.3459

44.2944, 0.2941,
0.3459

42.4153, 0.2847,
0.3565

46.4673, 0.3041,
0.3363

40.8114, 0.2761,
0.3679

48.9408, 0.3144,
0.3276

39.4705, 0.2688,
0.3801

51.7282, 0.3249,
0.3199

38.3771, 0.2629,
0.3930

54.8403, 0.3353,
0.3130

37.5141, 0.2587,
0.4064

58.2877, 0.3455,
0.3070

■ 36.8624, 0.2565,
0.4199

■ 60.7192, 0.3496,
0.3011

■ 36.3993, 0.2562,
0.4335

■ 61.0562, 0.3442,
0.2946

■ 36.0881, 0.2577,
0.4468

■ 61.4067, 0.3389,
0.2881

■ 36.0421, 0.2581,
0.4490

■ 61.7709, 0.3336,
0.2818

Harmonies

Analogous

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



44.2944, 0.3134, 0.3597



44.2944, 0.2941, 0.3459



44.2944, 0.2800, 0.3274

Triad

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



44.2944, 0.2941, 0.3459



44.2944, 0.2920, 0.2955



44.2944, 0.3525, 0.3460

Complementary

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



44.2944, 0.2941, 0.3459



35.1089, 0.3358, 0.3127

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.



44.2944, 0.3464, 0.3292



44.2944, 0.2941, 0.3459



44.2944, 0.3110, 0.3007

Square

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



44.2944, 0.2941, 0.3459



44.2944, 0.2788, 0.2987



44.2944, 0.3311, 0.3128



44.2944, 0.3474, 0.3591

Rectangle

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



44.2944, 0.2941, 0.3459



44.2944, 0.2753, 0.3154



44.2944, 0.3311, 0.3128



44.2944, 0.3517, 0.3406

Sweetspot

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



44.2962, 0.2941, 0.3459



84.1786, 0.3064, 0.3343



44.7699, 0.3210, 0.3767



18.0880, 0.3057, 0.3348



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.



44.2962, 0.2941, 0.3459



77.9284, 0.2902, 0.3500



42.9181, 0.2852, 0.3226



10.1553, 0.3031, 0.3372



24.5579, 0.2576, 0.4473



0.8770, 0.2481, 0.4130

Inverse Universe

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



35.1089, 0.3358, 0.3127



58.4357, 0.3420, 0.3090



36.1845, 0.3467, 0.3353



9.0632, 0.3234, 0.3210



7.2985, 0.5531, 0.2821



0.2693, 0.4806, 0.2421

Previews

White Background



This preview shows how the Yxy color 44.2944, 0.2941, 0.3459 looks on a white background.

Color Contrast Check

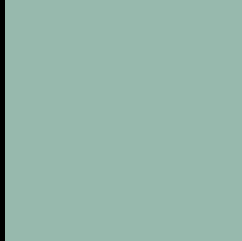
Large Text (above 18pt) WCAG AA × Fail

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 44.2944, 0.2941, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

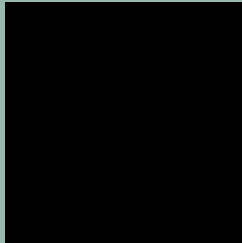
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2944, 0.2941, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 44.2944, 0.2941, 0.3459.



This preview shows how white text looks on a background with the Yxy color 44.2944, 0.2941, 0.3459.

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

44.2944, 0.2941, 0.3459

Protanopia

43.8229, 0.3247, 0.3397

Deuteranopia

43.8625, 0.3303, 0.3227



Tritanopia

44.4100, 0.2806, 0.3099

Trichromacy



Original Color

44.2944, 0.2941, 0.3459

Protanomaly

43.8004, 0.3130, 0.3413

Deuteranomaly

43.7295, 0.3162, 0.3303

Tritanomaly

44.3678, 0.2855, 0.3220

Monochromacy



Original Color

44.2944, 0.2941, 0.3459

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4607, 0.3055, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2944, 0.2941, 0.3459 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(151, 185, 173)` looks like.

```
.text, #text, p{  
    color:rgb(151, 185, 173)  
}
```

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(151, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 185, 173) }
```

Border

The CSS property to change the border of an element to Yxy 44.2944, 0.2941, 0.3459 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(151, 185, 173) }
```

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

```
.border{ border-color:rgb(151, 185, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 185, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 185, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 185, 173);  
box-shadow:4px 4px 4px 4px rgb(151, 185,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2944, 0.2941, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 185, 173) }
```

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

```
.background{ background-color: rgb(151,  
185, 173) }
```

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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