

Converting Colors

$Yxy(44.8340, 0.3006, 0.3544)$

Have a look what the booklet for
Yxy(44.8340, 0.3006, 0.3544)
contains.

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Color

Yxy(44.9135, 0.3009, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	9BBAA8
RGB	155, 186, 168
RGB Percent	61%, 73%, 66%
CMY	0.3922, 0.2706, 0.3411
CMYK	0.17, 0.00, 0.10, 0.27
HSL	145°, 18%, 67%
HSV	145°, 17%, 73%
XYZ	38.1441, 44.9135, 43.7092
YIQ	174.6790, -12.6980, -12.1700

Conversions

Conversions Part 2

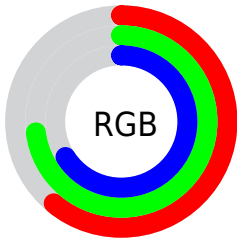
Format	Color
RYB	155, 177, 186
Decimal	10205864
CIELab	72.83, -14.10, 5.63
CIELCh	73, 15.183, 158.248
Yxy	44.9135, 0.3009, 0.3543
Android (android.graphics.Color)	4288395944 (0xFF9BBAA8)
YUV	174.6790, -3.2927, -17.2585
Hunter-Lab	67.0175, -15.6844, 8.2430

Details

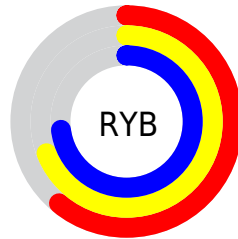
The Yxy color **44.9135, 0.3009, 0.3543** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.8974, 0.3266, 0.3050**, and the grayscale version is **42.7181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5336, 0.3034, 0.3495**, and **20.9196, 0.2969, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **42.8289, 0.2941, 0.3718**, and if you desaturate by 10%, it is **47.3188, 0.3080, 0.3385**.

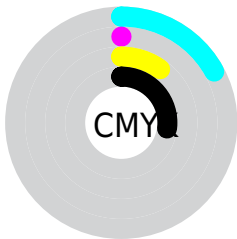
Distribution



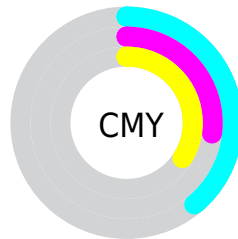
- Red (61%)
- Green (73%)
- Blue (66%)



- Red (61%)
- Yellow (69%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (39%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9135, 0.3009, 0.3543 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 44.9135, 0.3009, 0.3543 by changing the saturation by 10% instead.


 44.9135, 0.3009,
0.3543


 44.9135, 0.3009,
0.3543

366.4231, 0.3070,
0.3413

 31.3893, 0.2993,
0.3576


 82.5906, 0.3031,
0.3495

 20.8955, 0.2973,
0.3620

 107.5123, 0.3040,
0.3477

 13.0476, 0.2945,
0.3679


137.0019, 0.3047,
0.3463

 7.4613, 0.2906,
0.3764

171.4439, 0.3053,
0.3450

 3.7523, 0.2844,
0.3896

211.2226, 0.3058,
0.3439

 1.5360, 0.2735,
0.4129

256.7224, 0.3062,

 0.3138, 0.0000,

0.3429

1.0000

308.3278, 0.3066,
0.3421

0.0000, 0.0000,
0.0000

44.9135, 0.3009,
0.3543

44.9135, 0.3009,
0.3543

42.8289, 0.2941,
0.3718

47.3188, 0.3080,
0.3385

41.0455, 0.2879,
0.3910

50.0519, 0.3151,
0.3245

39.5504, 0.2826,
0.4118

53.1270, 0.3222,
0.3121

38.3277, 0.2784,
0.4336

56.5555, 0.3291,
0.3012

37.3596, 0.2758,
0.4562

60.3484, 0.3357,
0.2917

■ 36.6262, 0.2749,
0.4787

■ 62.2498, 0.3328,
0.2819

■ 36.1046, 0.2759,
0.5003

■ 62.8849, 0.3244,
0.2718

■ 35.7638, 0.2786,
0.5204

■ 63.5583, 0.3164,
0.2620

■ 35.6709, 0.2797,
0.5268

■ 63.5998, 0.3159,
0.2614

Harmonies

Analogous

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



44.9135, 0.3224, 0.3655



44.9135, 0.3009, 0.3543



44.9135, 0.2830, 0.3357

Triad

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



44.9135, 0.3009, 0.3543



44.9135, 0.2836, 0.2934



44.9135, 0.3541, 0.3398

Complementary

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



44.9135, 0.3009, 0.3543



36.8974, 0.3266, 0.3050

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.



44.9135, 0.3430, 0.3216



44.9135, 0.3009, 0.3543



44.9135, 0.3019, 0.2954

Square

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



44.9135, 0.3009, 0.3543



44.9135, 0.2733, 0.3005



44.9135, 0.3237, 0.3056



44.9135, 0.3536, 0.3561

Rectangle

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



44.9135, 0.3009, 0.3543



44.9135, 0.2753, 0.3222



44.9135, 0.3237, 0.3056



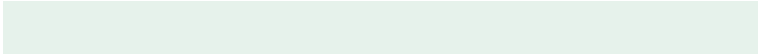
44.9135, 0.3516, 0.3338

Sweetspot

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



44.9154, 0.3009, 0.3543



86.5099, 0.3091, 0.3362



46.3800, 0.3260, 0.3713



18.9774, 0.3086, 0.3372



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.9154, 0.3009, 0.3543



79.9581, 0.2984, 0.3605



45.5243, 0.2897, 0.3325



10.1210, 0.3061, 0.3426



24.0112, 0.2790, 0.5243



0.8589, 0.2643, 0.4716

Inverse Universe

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



36.8974, 0.3266, 0.3050



62.6854, 0.3302, 0.2995



36.3349, 0.3414, 0.3256



9.0972, 0.3200, 0.3158



7.7657, 0.4599, 0.2307



0.2858, 0.4150, 0.2060

Previews

White Background



This preview shows how the Yxy color 44.9135, 0.3009, 0.3543 looks on a white background.

Color Contrast Check

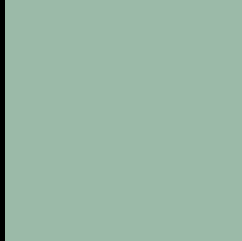
Large Text (above 18pt) WCAG AA × Fail

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 44.9135, 0.3009, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

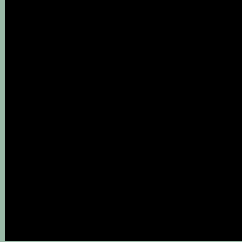
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9135, 0.3009, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 44.9135, 0.3009, 0.3543.



This preview shows how white text looks on a background with the Yxy color 44.9135, 0.3009, 0.3543.

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

44.9135, 0.3009, 0.3543

Protanopia

44.8354, 0.3305, 0.3476

Deuteranopia

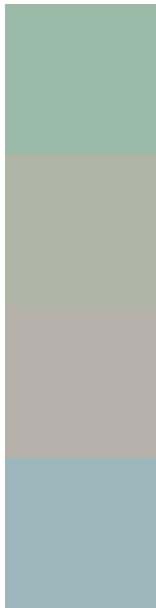
44.4511, 0.3373, 0.3303



Tritanopia

44.9150, 0.2844, 0.3101

Trichromacy



Original Color

44.9135, 0.3009, 0.3543

Protanomaly

44.7630, 0.3195, 0.3507

Deuteranomaly

44.2916, 0.3229, 0.3383

Tritanomaly

44.6812, 0.2900, 0.3248

Monochromacy



Original Color

44.9135, 0.3009, 0.3543

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.5436, 0.3088, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9135, 0.3009, 0.3543 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, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(155, 186, 168)  
}
```

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, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 186, 168) }
```

Border

The CSS property to change the border of an element to Yxy 44.9135, 0.3009, 0.3543 is called "border". The border property can be set on classes, ids or directly on the HTML element.

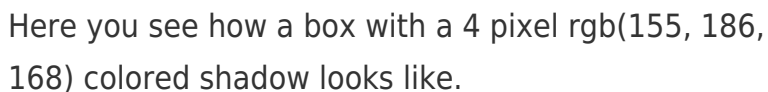
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 186, 168) }
```

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

```
.border{ border-color:rgb(155, 186, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(155, 186,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9135, 0.3009, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 186, 168) }
```

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

```
.background{ background-color: rgb(155,  
186, 168) }
```

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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