

Converting Colors

$Y_{xy}(44.3719, 0.2954, 0.3532)$

Have a look what the booklet for
Yxy(44.3719, 0.2954, 0.3532)
contains.

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Color

Yxy(44.3719, 0.2954, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	95BAA9
RGB	149, 186, 169
RGB Percent	58%, 73%, 66%
CMY	0.4158, 0.2705, 0.3372
CMYK	0.20, 0.00, 0.09, 0.27
HSL	152°, 21%, 66%
HSV	152°, 20%, 73%
XYZ	37.1106, 44.3719, 44.1458
YIQ	172.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

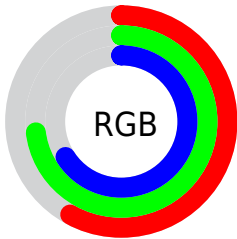
Format	Color
RYB	149, 173, 186
Decimal	9812649
CIELab	72.48, -15.92, 4.52
CIELCh	72, 16.547, 164.151
Yxy	44.3719, 0.2954, 0.3532
Android (android.graphics.Color)	4288002729 (0xFF95BAA9)
YUV	172.9990, -1.9715, -21.0471
Hunter-Lab	66.6122, -17.1266, 7.3354

Details

The Yxy color $44.3719, 0.2954, 0.3532$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.6781, 0.3342, 0.3060$, and the grayscale version is $41.8033, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7234, 0.2991, 0.3486$, and $20.6561, 0.2907, 0.3609$ is the 20% darker color. If you saturate the color by 10%, you get $42.4517, 0.2873, 0.3673$, and if you desaturate by 10%, it is $46.5962, 0.3040, 0.3404$.

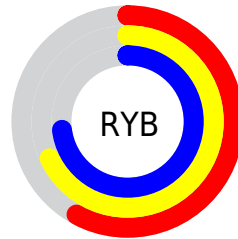
Distribution



Red (58%)

Green (73%)

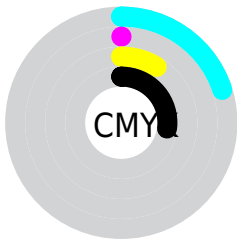
Blue (66%)



Red (58%)

Yellow (68%)

Blue (73%)

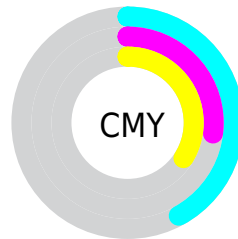


Cyan (20%)

Magenta (0%)

Yellow (9%)

Black (27%)



Cyan (42%)

Magenta (27%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3719, 0.2954, 0.3532 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 44.3719, 0.2954, 0.3532 by changing the saturation by 10% instead.

■ 44.3719, 0.2954,
0.3532

■ 44.3719, 0.2954,
0.3532

364.2237, 0.3042,
0.3408

■ 30.9630, 0.2931,
0.3564

■ 81.7771, 0.2986,
0.3486

■ 20.5707, 0.2902,
0.3606

■ 106.5421, 0.2999,
0.3469

■ 12.8105, 0.2862,
0.3662

135.8613, 0.3009,
0.3455

■ 7.2982, 0.2806,
0.3744

170.1191, 0.3017,
0.3443

■ 3.6493, 0.2718,
0.3871

209.6998, 0.3025,
0.3432

■ 1.4794, 0.2566,
0.4096

254.9879, 0.3031,

■ 0.2742, 0.0000,

0.3423

1.0000

306.3678, 0.3037,
0.3415

0.0000, 0.0000,
0.0000

44.3719, 0.2954,
0.3532

44.3719, 0.2954,
0.3532

42.4517, 0.2873,
0.3673

46.5962, 0.3040,
0.3404

40.8163, 0.2801,
0.3827

49.1318, 0.3128,
0.3289

39.4529, 0.2739,
0.3991

51.9924, 0.3217,
0.3187

38.3455, 0.2692,
0.4164

55.1895, 0.3305,
0.3096

37.4762, 0.2662,
0.4342

58.7339, 0.3391,
0.3017

■ 36.8247, 0.2651,
0.4521

■ 61.5628, 0.3428,
0.2941

■ 36.3672, 0.2660,
0.4697

■ 62.0277, 0.3359,
0.2858

■ 36.0567, 0.2685,
0.4866

■ 62.5160, 0.3292,
0.2776

■ 36.0542, 0.2686,
0.4868

■ 63.0282, 0.3227,
0.2697

Harmonies

Analogous

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



44.3719, 0.3186, 0.3675



44.3719, 0.2954, 0.3532



44.3719, 0.2773, 0.3319

Triad

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



44.3719, 0.2954, 0.3532



44.3719, 0.2843, 0.2898



44.3719, 0.3590, 0.3446

Complementary

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



44.3719, 0.2954, 0.3532



34.6781, 0.3342, 0.3060

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.



44.3719, 0.3492, 0.3247



44.3719, 0.2954, 0.3532



44.3719, 0.3054, 0.2939

Square

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



44.3719, 0.2954, 0.3532



44.3719, 0.2710, 0.2955



44.3719, 0.3293, 0.3065



44.3719, 0.3559, 0.3614

Rectangle

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



44.3719, 0.2954, 0.3532



44.3719, 0.2702, 0.3173



44.3719, 0.3293, 0.3065



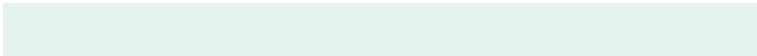
44.3719, 0.3571, 0.3380

Sweetspot

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



44.3738, 0.2954, 0.3532



86.1321, 0.3073, 0.3359



45.4259, 0.3248, 0.3807



18.9028, 0.3067, 0.3366



95.5105, 0.3127, 0.3290



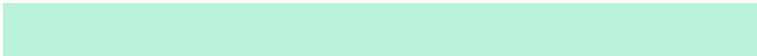
19.5994, 0.3127, 0.3290

Same Dimension

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



44.3738, 0.2954, 0.3532



78.7920, 0.2917, 0.3594



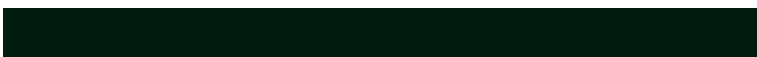
44.5366, 0.2833, 0.3272



10.1392, 0.3045, 0.3397



24.2683, 0.2680, 0.4846



0.8679, 0.2556, 0.4403

Inverse Universe

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



34.6781, 0.3342, 0.3060



57.9416, 0.3403, 0.3006



34.4874, 0.3512, 0.3308



9.0790, 0.3218, 0.3185



7.4835, 0.5102, 0.2584



0.2763, 0.4491, 0.2248

Previews

White Background



This preview shows how the Yxy color 44.3719, 0.2954, 0.3532 looks on a white background.

Color Contrast Check

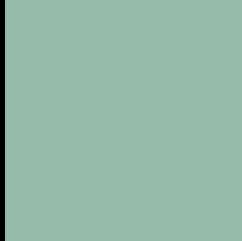
Large Text (above 18pt) WCAG AA × Fail

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 44.3719, 0.2954, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

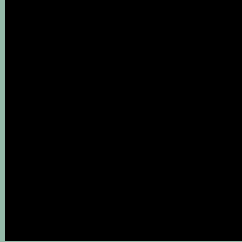
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3719, 0.2954, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 44.3719, 0.2954, 0.3532.



This preview shows how white text looks on a background with the Yxy color 44.3719, 0.2954, 0.3532.

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

44.3719, 0.2954, 0.3532

Protanopia

44.3150, 0.3297, 0.3463

Deuteranopia

43.8401, 0.3348, 0.3278



Tritanopia

44.3571, 0.2792, 0.3086

Trichromacy



Original Color

44.3719, 0.2954, 0.3532

Protanomaly

44.0536, 0.3161, 0.3482

Deuteranomaly

43.5746, 0.3195, 0.3357

Tritanomaly

44.1302, 0.2847, 0.3234

Monochromacy



Original Color

44.3719, 0.2954, 0.3532

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.7119, 0.3054, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3719, 0.2954, 0.3532 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(149, 186, 169)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 169)  
}
```

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(149, 186, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 169) }
```

Border

The CSS property to change the border of an element to Yxy 44.3719, 0.2954, 0.3532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

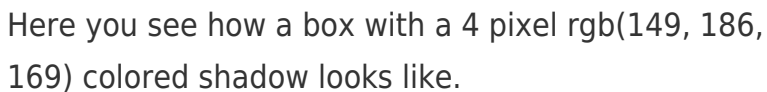
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(149, 186, 169) }
```

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

```
.border{ border-color:rgb(149, 186, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(149, 186, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 186, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 186, 169); box-shadow:4px 4px 4px 4px rgb(149, 186, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3719, 0.2954, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 169) }
```

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

```
.background{ background-color: rgb(149,  
186, 169) }
```

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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