

Converting Colors

$Y_{xy}(43.3320, 0.3076, 0.3674)$

Have a look what the booklet for
Yxy(43.3320, 0.3076, 0.3674)
contains.

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Color

Yxy(43.4876, 0.3076, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	99B89D
RGB	153, 184, 157
RGB Percent	60%, 72%, 62%
CMY	0.3998, 0.2785, 0.3843
CMYK	0.17, 0.00, 0.15, 0.28
HSL	128°, 18%, 66%
HSV	128°, 17%, 72%
XYZ	36.3697, 43.4876, 38.3798
YIQ	171.6530, -9.8090, -14.9690

Conversions

Conversions Part 2

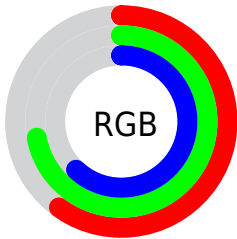
Format	Color
R_{YB}	153, 180, 184
Decimal	10074269
CIE _{Lab}	71.88, -15.82, 10.25
CIE _{LCh}	72, 18.845, 147.062
Yxy	43.4876, 0.3076, 0.3678
Android (android.graphics.Color)	4288264349 (0xFF99B89D)
YUV	171.6530, -7.2239, -16.3587
Hunter-Lab	65.9451, -16.9585, 11.6551

Details

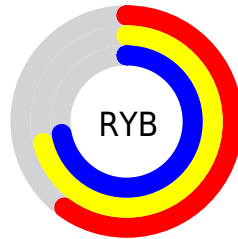
The Yxy color $43.4876, 0.3076, 0.3678$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $36.2825, 0.3183, 0.2931$, and the grayscale version is $41.1162, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4835, 0.3087, 0.3597$, and $20.0980, 0.3059, 0.3795$ is the 20% darker color. If you saturate the color by 10%, you get $41.3219, 0.3045, 0.3947$, and if you desaturate by 10%, it is $46.0051, 0.3107, 0.3437$.

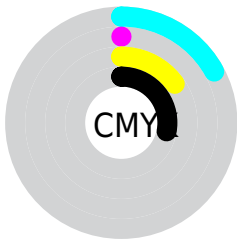
Distribution



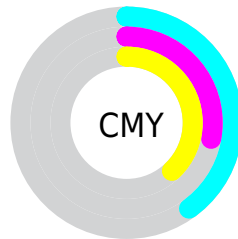
- Red (60%)
- Green (72%)
- Blue (62%)



- Red (60%)
- Yellow (71%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)





- Cyan (40%)
- Magenta (28%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4876, 0.3076, 0.3678 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 43.4876, 0.3076, 0.3678 by changing the saturation by 10% instead.


 43.4876, 0.3076,
0.3678


 43.4876, 0.3076,
0.3678


360.6132, 0.3104,
0.3477

 30.2679, 0.3068,
0.3731


 80.4462, 0.3087,
0.3603

 20.0420, 0.3057,
0.3800


 104.9538, 0.3091,
0.3576

 12.4256, 0.3041,
0.3895


133.9928, 0.3094,
0.3552

 7.0342, 0.3017,
0.4032

167.9477, 0.3097,
0.3533

 3.4835, 0.2976,
0.4250

207.2028, 0.3099,
0.3516

 1.3891, 0.2911,
0.4677

252.1424, 0.3101,

 0.2086, 0.0000,

0.3501

1.0000

303.1511, 0.3103,
0.3488

0.0000, 0.0000,
0.0000

43.4876, 0.3076,
0.3678

43.4876, 0.3076,
0.3678

41.3219, 0.3045,
0.3947

46.0051, 0.3107,
0.3437

39.4869, 0.3016,
0.4242

48.8831, 0.3136,
0.3226

37.9681, 0.2990,
0.4556

52.1373, 0.3165,
0.3041

36.7473, 0.2969,
0.4877

55.7804, 0.3191,
0.2881

35.8049, 0.2955,
0.5187

59.8248, 0.3216,
0.2743

■ 35.1187, 0.2951,
0.5467

■ 62.6462, 0.3173,
0.2610

■ 34.6628, 0.2956,
0.5696

■ 62.7582, 0.3160,
0.2595

■ 34.4031, 0.2970,
0.5861

■ 34.3425, 0.2972,
0.5901

Harmonies

Analogous

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



43.4876, 0.3345, 0.3769



43.4876, 0.3076, 0.3678



43.4876, 0.2829, 0.3468

Triad

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



43.4876, 0.3076, 0.3678



43.4876, 0.2702, 0.2865



43.4876, 0.3612, 0.3337

Complementary

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



43.4876, 0.3076, 0.3678



36.2825, 0.3183, 0.2931

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.



43.4876, 0.3426, 0.3116



43.4876, 0.3076, 0.3678



43.4876, 0.2897, 0.2850

Square

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



43.4876, 0.3076, 0.3678



43.4876, 0.2619, 0.2992



43.4876, 0.3161, 0.2942



43.4876, 0.3662, 0.3556

Rectangle

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



43.4876, 0.3076, 0.3678



43.4876, 0.2707, 0.3296



43.4876, 0.3161, 0.2942



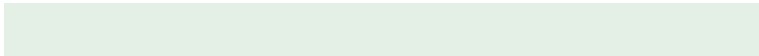
43.4876, 0.3563, 0.3261

Sweetspot

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



43.4894, 0.3076, 0.3678



84.2623, 0.3112, 0.3399



46.3288, 0.3344, 0.3705



18.0904, 0.3110, 0.3414



93.3107, 0.3127, 0.3290



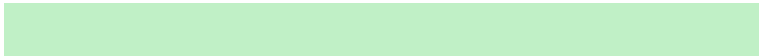
18.7317, 0.3127, 0.3290

Same Dimension

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



43.4894, 0.3076, 0.3678



77.3917, 0.3065, 0.3769



44.0383, 0.2963, 0.3457



10.0784, 0.3099, 0.3495



23.6765, 0.2969, 0.5887



0.8408, 0.2870, 0.5533

Inverse Universe

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



36.2825, 0.3183, 0.2931



61.9816, 0.3196, 0.2854



35.6994, 0.3326, 0.3129



9.1424, 0.3157, 0.3093



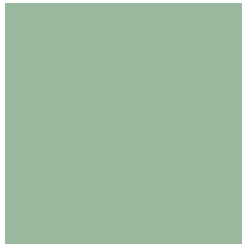
8.7895, 0.3557, 0.1733



0.3154, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 43.4876, 0.3076, 0.3678 looks on a white background.

Color Contrast Check

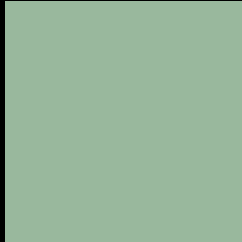
Large Text (above 18pt) WCAG AA × Fail

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 43.4876, 0.3076, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

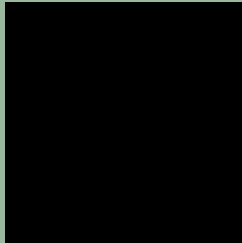
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

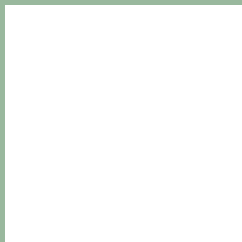
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4876, 0.3076, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 43.4876, 0.3076, 0.3678.



This preview shows how white text looks on a background with the Yxy color 43.4876, 0.3076, 0.3678.

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

43.4876, 0.3076, 0.3678

Protanopia

43.1502, 0.3395, 0.3587

Deuteranopia

43.4296, 0.3486, 0.3419



Tritanopia

43.4614, 0.2855, 0.3099

Trichromacy



Original Color

43.4876, 0.3076, 0.3678

Protanomaly

43.0581, 0.3280, 0.3622

Deuteranomaly

43.1082, 0.3325, 0.3506

Tritanomaly

43.5111, 0.2936, 0.3303

Monochromacy



Original Color

43.4876, 0.3076, 0.3678

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8400, 0.3104, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4876, 0.3076, 0.3678 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(153, 184, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 184, 157)  
}
```

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(153, 184, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 184, 157) }
```

Border

The CSS property to change the border of an element to Yxy 43.4876, 0.3076, 0.3678 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(153, 184, 157) }
```

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

```
.border{ border-color:rgb(153, 184, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 184, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 184,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4876, 0.3076, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 184, 157) }
```

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

```
.background{ background-color: rgb(153,  
184, 157) }
```

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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