

Converting Colors

$Y_{xy}(44.3762, 0.3078, 0.3670)$

Have a look what the booklet for
Yxy(44.3762, 0.3078, 0.3670)
contains.

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Color

Yxy(44.5896, 0.3076, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	9BBA9F
RGB	155, 186, 159
RGB Percent	61%, 73%, 62%
CMY	0.3922, 0.2706, 0.3764
CMYK	0.17, 0.00, 0.15, 0.27
HSL	128°, 18%, 67%
HSV	128°, 17%, 73%
XYZ	37.3320, 44.5896, 39.4437
YIQ	173.6530, -9.8090, -14.9690

Conversions

Conversions Part 2

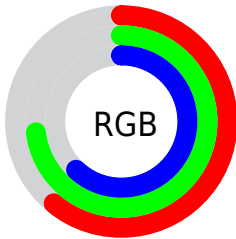
Format	Color
RYB	155, 182, 186
Decimal	10205855
CIELab	72.62, -15.82, 10.22
CIELCh	73, 18.831, 147.124
Yxy	44.5896, 0.3076, 0.3674
Android (android.graphics.Color)	4288395935 (0xFF9BBA9F)
YUV	173.6530, -7.2239, -16.3587
Hunter-Lab	66.7754, -17.0635, 11.7207

Details

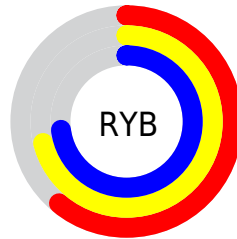
The Yxy color $44.5896, 0.3076, 0.3674$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $37.2525, 0.3183, 0.2934$, and the grayscale version is $42.1810, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0609, 0.3087, 0.3595$, and $20.7413, 0.3049, 0.3789$ is the 20% darker color. If you saturate the color by 10%, you get $42.3653, 0.3045, 0.3943$, and if you desaturate by 10%, it is $47.1748, 0.3107, 0.3434$.

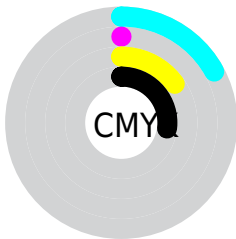
Distribution



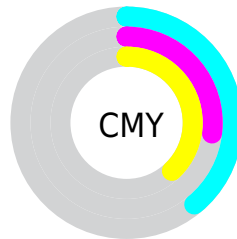
- Red (61%)
- Green (73%)
- Blue (62%)



- Red (61%)
- Yellow (71%)
- Blue (73%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)




- Cyan (39%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5896, 0.3076, 0.3674 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 44.5896, 0.3076, 0.3674 by changing the saturation by 10% instead.


 44.5896, 0.3076,
0.3674

 44.5896, 0.3076,
0.3674

365.1089, 0.3104,
0.3476

 31.1343, 0.3068,
0.3726


 82.1042, 0.3087,
0.3600

 20.7011, 0.3057,
0.3793


 106.9323, 0.3091,
0.3573

 12.9057, 0.3042,
0.3885


136.3201, 0.3094,
0.3550

 7.3637, 0.3019,
0.4019

170.6521, 0.3097,
0.3531

 3.6905, 0.2979,
0.4228

210.3125, 0.3099,
0.3514

 1.5020, 0.2906,
0.4615

255.6859, 0.3101,

 0.2901, 0.0000,

0.3500

1.0000

307.1565, 0.3103,
0.3487

0.0000, 0.0000,
0.0000

44.5896, 0.3076,
0.3674

44.5896, 0.3076,
0.3674

42.3653, 0.3045,
0.3943

47.1748, 0.3107,
0.3434

40.4804, 0.3015,
0.4237

50.1299, 0.3137,
0.3223

38.9198, 0.2989,
0.4550

53.4708, 0.3165,
0.3039

37.6651, 0.2968,
0.4871

57.2107, 0.3192,
0.2880

36.6961, 0.2954,
0.5181

61.3622, 0.3217,
0.2742

■ 35.9899, 0.2950,
0.5462

■ 63.6014, 0.3159,
0.2614

■ 35.5203, 0.2956,
0.5692

■ 35.2526, 0.2969,
0.5858

■ 35.1881, 0.2972,
0.5899

Harmonies

Analogous

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



44.5896, 0.3342, 0.3765



44.5896, 0.3076, 0.3674



44.5896, 0.2831, 0.3465

Triad

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



44.5896, 0.3076, 0.3674



44.5896, 0.2706, 0.2869



44.5896, 0.3608, 0.3337

Complementary

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



44.5896, 0.3076, 0.3674



37.2525, 0.3183, 0.2934

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.



44.5896, 0.3423, 0.3118



44.5896, 0.3076, 0.3674



44.5896, 0.2900, 0.2854

Square

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



44.5896, 0.3076, 0.3674



44.5896, 0.2624, 0.2995



44.5896, 0.3161, 0.2945



44.5896, 0.3657, 0.3554

Rectangle

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



44.5896, 0.3076, 0.3674



44.5896, 0.2710, 0.3296



44.5896, 0.3161, 0.2945



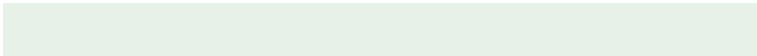
44.5896, 0.3559, 0.3262

Sweetspot

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



44.5915, 0.3076, 0.3674



86.3087, 0.3112, 0.3399



47.4798, 0.3342, 0.3702



18.9273, 0.3110, 0.3414



95.5105, 0.3127, 0.3290



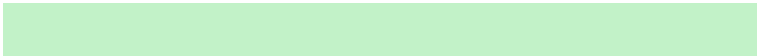
19.5994, 0.3127, 0.3290

Same Dimension

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



44.5915, 0.3076, 0.3674



79.2706, 0.3065, 0.3769



45.1484, 0.2964, 0.3456



10.0786, 0.3099, 0.3495



23.6774, 0.2968, 0.5885



0.8409, 0.2869, 0.5528

Inverse Universe

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



37.2525, 0.3183, 0.2934



63.4697, 0.3197, 0.2854



36.6613, 0.3324, 0.3130



9.1421, 0.3157, 0.3093



8.7821, 0.3562, 0.1736



0.3152, 0.3458, 0.1679

Previews

White Background



This preview shows how the Yxy color 44.5896, 0.3076, 0.3674 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 44.5896, 0.3076, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

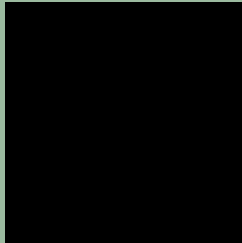
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

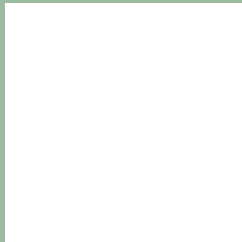
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5896, 0.3076, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 44.5896, 0.3076, 0.3674.



This preview shows how white text looks on a background with the Yxy color 44.5896, 0.3076, 0.3674.

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

44.5896, 0.3076, 0.3674

Protanopia

44.2499, 0.3392, 0.3584

Deuteranopia

44.1520, 0.3484, 0.3406



Tritanopia

44.5649, 0.2858, 0.3101

Trichromacy



Original Color

44.5896, 0.3076, 0.3674

Protanomaly

44.1568, 0.3278, 0.3619

Deuteranomaly

43.8142, 0.3324, 0.3491

Tritanomaly

44.6153, 0.2937, 0.3303

Monochromacy



Original Color

44.5896, 0.3076, 0.3674

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9209, 0.3104, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5896, 0.3076, 0.3674 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(155, 186, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 186, 159) }
```

Border

The CSS property to change the border of an element to Yxy 44.5896, 0.3076, 0.3674 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, 159) }
```

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

```
.border{ border-color:rgb(155, 186, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 186, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 186, 159);  
box-shadow:4px 4px 4px 4px rgb(155, 186,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5896, 0.3076, 0.3674 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, 159) }
```

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

```
.background{ background-color: rgb(155,  
186, 159) }
```

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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