

Converting Colors

$Yxy(43.7676, 0.3004, 0.3902)$

Have a look what the booklet for
Yxy(43.7676, 0.3004, 0.3902)
contains.

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Color

Yxy(43.7676, 0.3004, 0.3902)

Conversions

Conversions Part 1

Format	Color
Hex	88BD94
RGB	136, 189, 148
RGB Percent	53%, 74%, 58%
CMY	0.4668, 0.2588, 0.4195
CMYK	0.28, 0.00, 0.22, 0.26
HSL	134°, 29%, 64%
HSV	134°, 28%, 74%
XYZ	33.6950, 43.7676, 34.7045
YIQ	168.4790, -18.4270, -23.9870

Conversions

Conversions Part 2

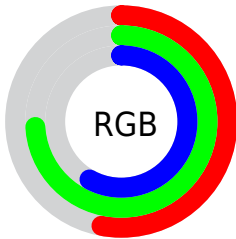
Format	Color
RYB	136, 179, 189
Decimal	8961428
CIELab	72.07, -25.75, 15.23
CIElCh	72, 29.921, 149.396
Yxy	43.7676, 0.3004, 0.3902
Android (android.graphics.Color)	4287151508 (0xFF88BD94)
YUV	168.4790, -10.0961, -28.4841
Hunter-Lab	66.1571, -24.8616, 15.2078

Details

The Yxy color **43.7676, 0.3004, 0.3902** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.5918, 0.3280, 0.2748**, and the grayscale version is **39.4625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5162, 0.3029, 0.3779**, and **20.0758, 0.2956, 0.4099** is the 20% darker color. If you saturate the color by 10%, you get **41.8907, 0.2964, 0.4166**, and if you desaturate by 10%, it is **45.9856, 0.3047, 0.3661**.

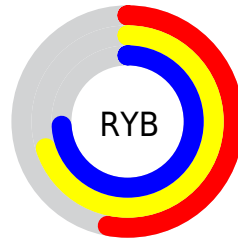
Distribution



Red (53%)

Green (74%)

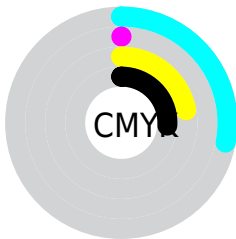
Blue (58%)



Red (53%)

Yellow (70%)

Blue (74%)

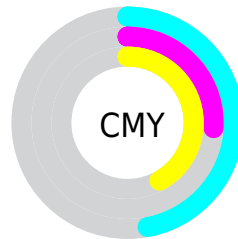


Cyan (28%)

Magenta (0%)

Yellow (22%)

Black (26%)



Cyan (47%)


Magenta (26%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7676, 0.3004, 0.3902 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 43.7676, 0.3004, 0.3902 by changing the saturation by 10% instead.

 43.7676, 0.3004,
0.3902

 43.7676, 0.3004,
0.3902

361.7591, 0.3072,
0.3581


 30.4878, 0.2985,
0.3987


 80.8679, 0.3030,
0.3782

 20.2092, 0.2958,
0.4100


 105.4573, 0.3040,
0.3737

 12.5472, 0.2920,
0.4255


 134.5853, 0.3048,
0.3701

 7.1175, 0.2862,
0.4484

168.6364, 0.3054,
0.3669

 3.5357, 0.2761,
0.4848

207.9949, 0.3060,
0.3643

 1.4174, 0.2620,
0.5787

253.0452, 0.3064,

 0.2295, 0.0000,

0.3619

1.0000

304.1718, 0.3069,
0.3599

0.0000, 0.0000,
0.0000

43.7676, 0.3004,
0.3902

43.7676, 0.3004,
0.3902

41.8907, 0.2964,
0.4166

45.9856, 0.3047,
0.3661

40.3324, 0.2930,
0.4447

48.5547, 0.3092,
0.3446

39.0764, 0.2905,
0.4738

51.4915, 0.3136,
0.3255

38.1025, 0.2891,
0.5026

54.8097, 0.3179,
0.3088

37.3879, 0.2890,
0.5296

58.5225, 0.3219,
0.2942

■ 36.9062, 0.2903,
0.5532

■ 62.6422, 0.3258,
0.2816

■ 36.6179, 0.2927,
0.5721

■ 64.5754, 0.3192,
0.2687

■ 36.5727, 0.2931,
0.5753

■ 64.8783, 0.3157,
0.2644

Harmonies

Analogous

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



43.7676, 0.3428, 0.4060



43.7676, 0.3004, 0.3902



43.7676, 0.2630, 0.3540

Triad

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



43.7676, 0.3004, 0.3902



43.7676, 0.2485, 0.2621



43.7676, 0.3916, 0.3376

Complementary

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



43.7676, 0.3004, 0.3902



31.5918, 0.3280, 0.2748

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.



43.7676, 0.3628, 0.3040



43.7676, 0.3004, 0.3902



43.7676, 0.2791, 0.2620

Square

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



43.7676, 0.3004, 0.3902



43.7676, 0.2346, 0.2791



43.7676, 0.3208, 0.2772



43.7676, 0.3972, 0.3713

Rectangle

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



43.7676, 0.3004, 0.3902



43.7676, 0.2455, 0.3257



43.7676, 0.3208, 0.2772



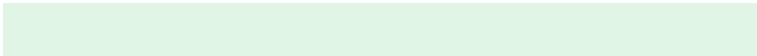
43.7676, 0.3842, 0.3260

Sweetspot

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



43.7694, 0.3004, 0.3902



86.9209, 0.3091, 0.3447



47.5828, 0.3442, 0.4006



18.5338, 0.3084, 0.3478



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.



43.7694, 0.3004, 0.3902



76.1360, 0.2978, 0.4071



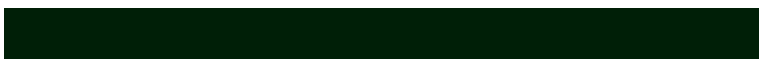
44.6853, 0.2824, 0.3507



10.6842, 0.3086, 0.3472



24.6151, 0.2926, 0.5733



0.9745, 0.2794, 0.5259

Inverse Universe

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



31.5918, 0.3280, 0.2748



50.5486, 0.3325, 0.2620



30.6542, 0.3560, 0.3085



9.6581, 0.3171, 0.3114



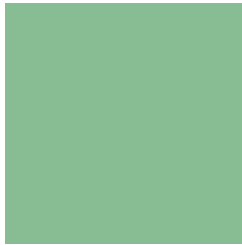
8.6875, 0.3875, 0.1908



0.3496, 0.3685, 0.1804

Previews

White Background



This preview shows how the Yxy color 43.7676, 0.3004, 0.3902 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 43.7676, 0.3004, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

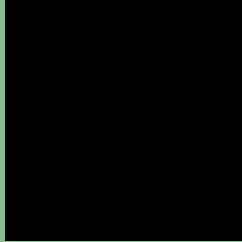
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7676, 0.3004, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 43.7676, 0.3004, 0.3902.



This preview shows how white text looks on a background with the Yxy color 43.7676, 0.3004, 0.3902.

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

43.7676, 0.3004, 0.3902

Protanopia

43.5685, 0.3516, 0.3746

Deuteranopia

43.1995, 0.3591, 0.3509



Tritanopia

43.5069, 0.2726, 0.3082

Trichromacy



Original Color

43.7676, 0.3004, 0.3902

Protanomaly

43.3862, 0.3311, 0.3810

Deuteranomaly

42.7500, 0.3354, 0.3633

Tritanomaly

43.7034, 0.2829, 0.3375

Monochromacy



Original Color

43.7676, 0.3004, 0.3902

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.6918, 0.3073, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7676, 0.3004, 0.3902 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(136, 189, 148)` looks like.

```
.text, #text, p{  
    color:rgb(136, 189, 148)  
}
```

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(136, 189, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 189, 148) }
```

Border

The CSS property to change the border of an element to Yxy 43.7676, 0.3004, 0.3902 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(136, 189, 148) }
```

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

```
.border{ border-color:rgb(136, 189, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 189, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 189, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 189, 148);  
box-shadow:4px 4px 4px 4px rgb(136, 189,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7676, 0.3004, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 189, 148) }
```

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

```
.background{ background-color: rgb(136,  
189, 148) }
```

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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