

Converting Colors

$Yxy(43.0909, 0.3091, 0.4059)$

Have a look what the booklet for
Yxy(43.0909, 0.3091, 0.4059)
contains.

Yxy(43.0909, 0.3091, 0.4059)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0909, 0.3091, 0.4059)

Conversions

Conversions Part 1

Format	Color
Hex	89BC89
RGB	137, 188, 137
RGB Percent	54%, 74%, 54%
CMY	0.4628, 0.2627, 0.4627
CMYK	0.27, 0.00, 0.27, 0.26
HSL	120°, 28%, 64%
HSV	120°, 27%, 74%
XYZ	32.8145, 43.0909, 30.2560
YIQ	166.9370, -14.0250, -26.6730

Conversions

Conversions Part 2

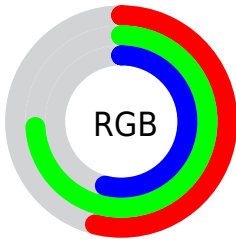
Format	Color
RYB	137, 188, 188
Decimal	9026697
CIELab	71.62, -26.90, 20.55
CIELCh	72, 33.849, 142.615
Yxy	43.0909, 0.3091, 0.4059
Android (android.graphics.Color)	4287216777 (0xFF89BC89)
YUV	166.9370, -14.7589, -26.2547
Hunter-Lab	65.6437, -25.6464, 18.6231

Details

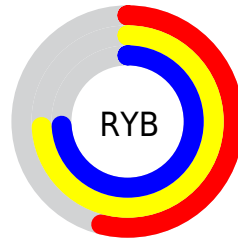
The Yxy color **43.0909, 0.3091, 0.4059** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.2123, 0.3158, 0.2625**, and the grayscale version is **38.6900, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5393, 0.3099, 0.3897**, and **19.6696, 0.3059, 0.4301** is the 20% darker color. If you saturate the color by 10%, you get **41.1467, 0.3075, 0.4399**, and if you desaturate by 10%, it is **45.4096, 0.3106, 0.3747**.

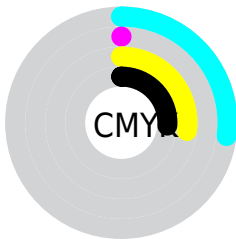
Distribution



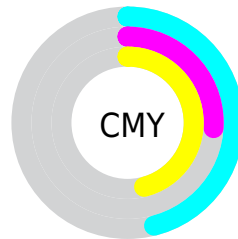
- Red (54%)
- Green (74%)
- Blue (54%)



- Red (54%)
- Yellow (74%)
- Blue (74%)



- Cyan (27%)
- Magenta (0%)
- Yellow (27%)
- Black (26%)





- Cyan (46%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0909, 0.3091, 0.4059 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 43.0909, 0.3091, 0.4059 by changing the saturation by 10% instead.


 43.0909, 0.3091,
0.4059


 43.0909, 0.3091,
0.4059


358.9855, 0.3119,
0.3653


 29.9564, 0.3081,
0.4168


 79.8480, 0.3103,
0.3906

 19.8055, 0.3065,
0.4311


 104.2395, 0.3107,
0.3850

 12.2538, 0.3040,
0.4510


 133.1520, 0.3110,
0.3804

 6.9167, 0.2995,
0.4802

166.9701, 0.3113,
0.3764

 3.4101, 0.2905,
0.5267

206.0781, 0.3115,
0.3730

 1.3494, 0.2954,
0.7046

250.8604, 0.3116,

 0.1790, 0.0000,

0.3701

1.0000

301.7014, 0.3117,
0.3675

0.0000, 0.0000,
0.0000

43.0909, 0.3091,
0.4059

43.0909, 0.3091,
0.4059

41.1467, 0.3075,
0.4399

45.4096, 0.3106,
0.3747

39.5522, 0.3058,
0.4754

48.1151, 0.3119,
0.3468

38.2883, 0.3042,
0.5105

51.2260, 0.3130,
0.3223

37.3318, 0.3027,
0.5427

54.7579, 0.3140,
0.3011

36.6565, 0.3014,
0.5691

58.7258, 0.3149,
0.2829

■ 36.2320, 0.3006,
0.5876

■ 63.1438, 0.3156,
0.2673

■ 36.0152, 0.3001,
0.5978

■ 64.4485, 0.3158,
0.2634

■ 35.9686, 0.3000,
0.6000

Harmonies

Analogous

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



43.0909, 0.3566, 0.4169



43.0909, 0.3091, 0.4059



43.0909, 0.2647, 0.3681

Triad

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



43.0909, 0.3091, 0.4059



43.0909, 0.2350, 0.2560



43.0909, 0.3972, 0.3292

Complementary

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



43.0909, 0.3091, 0.4059



32.2123, 0.3158, 0.2625

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.



43.0909, 0.3596, 0.2930



43.0909, 0.3091, 0.4059



43.0909, 0.2653, 0.2521

Square

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



43.0909, 0.3091, 0.4059



43.0909, 0.2242, 0.2790



43.0909, 0.3103, 0.2656



43.0909, 0.4098, 0.3678

Rectangle

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



43.0909, 0.3091, 0.4059



43.0909, 0.2425, 0.3357



43.0909, 0.3103, 0.2656



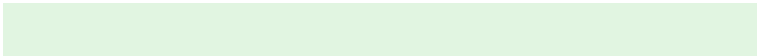
43.0909, 0.3869, 0.3166

Sweetspot

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



43.0927, 0.3091, 0.4059



86.6744, 0.3118, 0.3494



48.4665, 0.3531, 0.3958



18.4721, 0.3116, 0.3535



95.5105, 0.3127, 0.3290



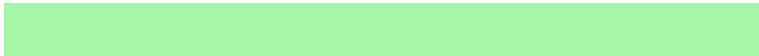
19.5994, 0.3127, 0.3290

Same Dimension

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



43.0927, 0.3091, 0.4059



75.7596, 0.3081, 0.4274



43.9129, 0.2910, 0.3665



10.6497, 0.3116, 0.3527



24.4879, 0.3000, 0.6000



0.9592, 0.3000, 0.5999

Inverse Universe

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



32.2123, 0.3158, 0.2625



52.5125, 0.3166, 0.2470



31.2082, 0.3420, 0.2944



9.6963, 0.3138, 0.3064



9.7502, 0.3210, 0.1542



0.3819, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 43.0909, 0.3091, 0.4059 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 43.0909, 0.3091, 0.4059 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 43.0909, 0.3091, 0.4059

Background



This preview shows how black text looks on a background with the Yxy color 43.0909, 0.3091, 0.4059.



This preview shows how white text looks on a background with the Yxy color 43.0909, 0.3091, 0.4059.

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

43.0909, 0.3091, 0.4059

Protanopia

42.8634, 0.3615, 0.3882

Deuteranopia

42.6249, 0.3706, 0.3637



Tritanopia

42.7857, 0.2751, 0.3081

Trichromacy



Original Color

43.0909, 0.3091, 0.4059

Protanomaly

42.7710, 0.3412, 0.3953

Deuteranomaly

42.1371, 0.3461, 0.3772

Tritanomaly

42.7626, 0.2870, 0.3419

Monochromacy



Original Color

43.0909, 0.3091, 0.4059

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.1282, 0.3114, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0909, 0.3091, 0.4059 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(137, 188, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 188, 137)  
}
```

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(137, 188, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 188, 137) }
```

Border

The CSS property to change the border of an element to Yxy 43.0909, 0.3091, 0.4059 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(137, 188, 137) }
```

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

```
.border{ border-color:rgb(137, 188, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 188, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 188, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 188, 137);  
box-shadow:4px 4px 4px 4px rgb(137, 188,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0909, 0.3091, 0.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 188, 137) }
```

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

```
.background{ background-color: rgb(137,  
188, 137) }
```

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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