

Converting Colors

Yxy(44.9634, 0.3026, 0.4079)

Have a look what the booklet for
Yxy(44.9634, 0.3026, 0.4079)
contains.

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Color

Yxy(44.9389, 0.3029, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	84C18C
RGB	132, 193, 140
RGB Percent	52%, 76%, 55%
CMY	0.4825, 0.2431, 0.4510
CMYK	0.32, 0.00, 0.27, 0.24
HSL	128°, 33%, 64%
HSV	128°, 32%, 76%
XYZ	33.3137, 44.9389, 31.7300
YIQ	168.7190, -19.3430, -29.4150

Conversions

Conversions Part 2

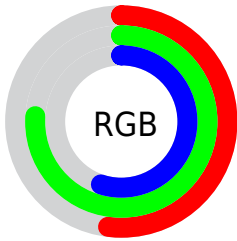
Format	Color
RYB	132, 186, 193
Decimal	8700300
CIELab	72.85, -30.45, 20.60
CIELCh	73, 36.761, 145.926
Yxy	44.9389, 0.3029, 0.4086
Android (android.graphics.Color)	4286890380 (0xFF84C18C)
YUV	168.7190, -14.1585, -32.2026
Hunter-Lab	67.0365, -28.6084, 18.8621

Details

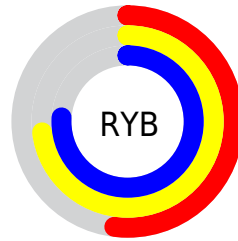
The Yxy color **44.9389, 0.3029, 0.4086** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.3298, 0.3244, 0.2607**, and the grayscale version is **39.6046, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8311, 0.3055, 0.3928**, and **20.9089, 0.2982, 0.4334** is the 20% darker color. If you saturate the color by 10%, you get **43.0694, 0.3000, 0.4391**, and if you desaturate by 10%, it is **47.1753, 0.3060, 0.3804**.

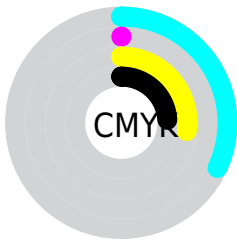
Distribution



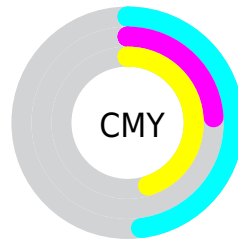
- Red (52%)
- Green (76%)
- Blue (55%)



- Red (52%)
- Yellow (73%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (24%)



- Cyan (48%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9389, 0.3029, 0.4086 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 44.9389, 0.3029, 0.4086 by changing the saturation by 10% instead.


 44.9389, 0.3029,
0.4086

 44.9389, 0.3029,
0.4086


366.5260, 0.3088,
0.3667


 31.4093, 0.3011,
0.4197


 82.6287, 0.3053,
0.3929

 20.9107, 0.2984,
0.4345


 107.5577, 0.3061,
0.3871

 13.0588, 0.2945,
0.4548

 137.0553, 0.3068,
0.3823

 7.4690, 0.2882,
0.4844

171.5059, 0.3074,
0.3782

 3.7571, 0.2766,
0.5313

211.2939, 0.3078,
0.3747

 1.5386, 0.2698,
0.6818

256.8036, 0.3082,

 0.3157, 0.0000,

0.3717

1.0000

308.4196, 0.3085,
0.3690

0.0000, 0.0000,
0.0000

44.9389, 0.3029,
0.4086

44.9389, 0.3029,
0.4086

43.0694, 0.3000,
0.4391

47.1753, 0.3060,
0.3804

41.5419, 0.2976,
0.4710

49.7907, 0.3091,
0.3549

40.3370, 0.2959,
0.5028


52.8038, 0.3122,
0.3324


39.4314, 0.2950,
0.5327


56.2302, 0.3152,
0.3127

38.7984, 0.2951,
0.5584

60.0847, 0.3180,
0.2956

 38.4066, 0.2961,
0.5784

 64.3816, 0.3206,
0.2808

 38.2177, 0.2972,
0.5900

 66.6256, 0.3156,
0.2683

Harmonies

Analogous

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



44.9389, 0.3540, 0.4236



44.9389, 0.3029, 0.4086



44.9389, 0.2568, 0.3654

Triad

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



44.9389, 0.3029, 0.4086



44.9389, 0.2326, 0.2498



44.9389, 0.4063, 0.3334

Complementary

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



44.9389, 0.3029, 0.4086



31.3298, 0.3244, 0.2607

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.



44.9389, 0.3682, 0.2945



44.9389, 0.3029, 0.4086



44.9389, 0.2667, 0.2480

Square

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



44.9389, 0.3029, 0.4086



44.9389, 0.2188, 0.2717



44.9389, 0.3159, 0.2642



44.9389, 0.4162, 0.3742

Rectangle

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



44.9389, 0.3029, 0.4086



44.9389, 0.2347, 0.3301



44.9389, 0.3159, 0.2642



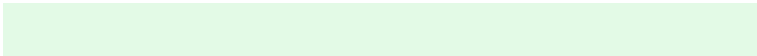
44.9389, 0.3962, 0.3199

Sweetspot

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



44.9408, 0.3029, 0.4086



90.4408, 0.3099, 0.3491



50.2354, 0.3536, 0.4087



19.2401, 0.3094, 0.3525



97.7402, 0.3127, 0.3290



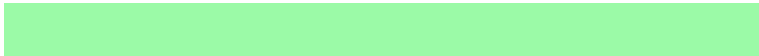
20.4902, 0.3127, 0.3290

Same Dimension

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



44.9408, 0.3029, 0.4086



78.0786, 0.3009, 0.4296



45.9346, 0.2829, 0.3630



11.2800, 0.3098, 0.3496



25.4224, 0.2968, 0.5886



1.1056, 0.2879, 0.5566

Inverse Universe

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



31.3298, 0.3244, 0.2607



49.8641, 0.3276, 0.2458



30.2073, 0.3566, 0.2976



10.2239, 0.3157, 0.3092



9.4185, 0.3569, 0.1739



0.4134, 0.3477, 0.1689

Previews

White Background



This preview shows how the Yxy color 44.9389, 0.3029, 0.4086 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 44.9389, 0.3029, 0.4086 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 44.9389, 0.3029, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 44.9389, 0.3029, 0.4086.



This preview shows how white text looks on a background with the Yxy color 44.9389, 0.3029, 0.4086.

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

44.9389, 0.3029, 0.4086

Protanopia

44.6106, 0.3625, 0.3884

Deuteranopia

44.4356, 0.3697, 0.3618



Tritanopia

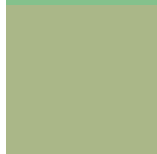
44.7077, 0.2696, 0.3083

Trichromacy



Original Color

44.9389, 0.3029, 0.4086



Protanomaly

44.1906, 0.3390, 0.3947



Deuteranomaly

43.9267, 0.3434, 0.3781



Tritanomaly

44.6698, 0.2817, 0.3432

Monochromacy



Original Color

44.9389, 0.3029, 0.4086



Achromatopsia

39.6755, 0.3127, 0.3290



Achromatomaly

41.3773, 0.3096, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9389, 0.3029, 0.4086 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(132, 193, 140)` looks like.

```
.text, #text, p{  
    color:rgb(132, 193, 140)  
}
```

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(132, 193, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 193, 140) }
```

Border

The CSS property to change the border of an element to Yxy 44.9389, 0.3029, 0.4086 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(132, 193, 140) }
```

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

```
.border{ border-color:rgb(132, 193, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 193, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 193, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 193, 140);  
box-shadow:4px 4px 4px 4px rgb(132, 193,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9389, 0.3029, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 193, 140) }
```

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

```
.background{ background-color: rgb(132,  
193, 140) }
```

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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