

Converting Colors

$Yxy(50.6801, 0.2888, 0.3741)$

Have a look what the booklet for
Yxy(50.6801, 0.2888, 0.3741)
contains.

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Color

Yxy(50.7188, 0.2889, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	8CCAAA
RGB	140, 202, 170
RGB Percent	55%, 79%, 67%
CMY	0.4510, 0.2078, 0.3334
CMYK	0.31, 0.00, 0.16, 0.21
HSL	149°, 37%, 67%
HSV	149°, 31%, 79%
XYZ	39.1887, 50.7188, 45.7405
YIQ	179.8140, -26.6800, -23.0960

Conversions

Conversions Part 2

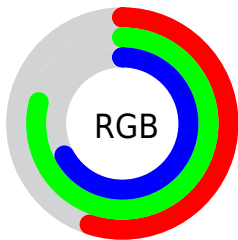
Format	Color
RYB	140, 182, 202
Decimal	9226922
CIELab	76.51, -26.60, 9.71
CIELCh	77, 28.316, 159.947
Yxy	50.7188, 0.2889, 0.3739
Android (android.graphics.Color)	4287417002 (0xFF8CCAAA)
YUV	179.8140, -4.8383, -34.9169
Hunter-Lab	71.2171, -26.4066, 11.7719

Details

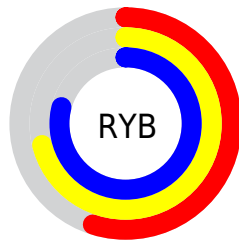
The Yxy color **50.7188, 0.2889, 0.3739** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.2926, 0.3462, 0.2882**, and the grayscale version is **45.5736, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5583, 0.2933, 0.3615**, and **24.5625, 0.2822, 0.3875** is the 20% darker color. If you saturate the color by 10%, you get **48.7449, 0.2823, 0.3916**, and if you desaturate by 10%, it is **53.0504, 0.2963, 0.3577**.

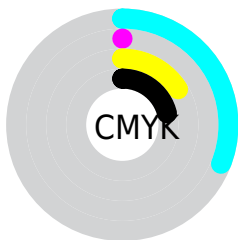
Distribution



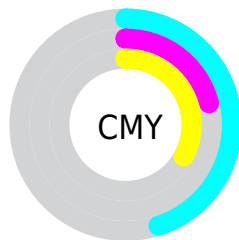
- Red (55%)
- Green (79%)
- Blue (67%)



- Red (55%)
- Yellow (71%)
- Blue (79%)



- Cyan (31%)
- Magenta (0%)
- Yellow (16%)
- Black (21%)



- Cyan (45%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.7188, 0.2889, 0.3739 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 50.7188, 0.2889, 0.3739 by changing the saturation by 10% instead.

50.7188, 0.2889,
0.3739

50.7188, 0.2889,
0.3739

389.4703, 0.3010,
0.3511

35.9849, 0.2858,
0.3797

91.2390, 0.2933,
0.3655

24.4225, 0.2819,
0.3873

117.7940, 0.2950,
0.3624

15.6473, 0.2766,
0.3974

149.0582, 0.2964,
0.3598

9.2749, 0.2690,
0.4119

185.4159, 0.2976,
0.3575

4.9210, 0.2576,
0.4339

227.2516, 0.2986,
0.3556

2.2010, 0.2383,
0.4715

274.9496, 0.2995,

0.7205, 0.0412,

0.3539

0.8361

328.8944, 0.3003,
0.3524

0.0000, 0.0000,
0.0000

50.7188, 0.2889,
0.3739

50.7188, 0.2889,
0.3739

48.7449, 0.2823,
0.3916

53.0504, 0.2963,
0.3577

47.1040, 0.2768,
0.4104

55.7504, 0.3041,
0.3430

45.7780, 0.2727,
0.4302


58.8367, 0.3122,
0.3299

44.7448, 0.2703,
0.4505


62.3243, 0.3202,
0.3182

43.9788, 0.2699,
0.4707


66.2273, 0.3282,
0.3079

 43.4500, 0.2714,
0.4902

 69.3640, 0.3313,
0.2984

 43.1197, 0.2743,
0.5073

 69.9768, 0.3236,
0.2883

 70.6254, 0.3162,
0.2786

 70.7244, 0.3151,
0.2772

Harmonies

Analogous

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



50.7188, 0.3268, 0.3955



50.7188, 0.2889, 0.3739



50.7188, 0.2586, 0.3382

Triad

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



50.7188, 0.2889, 0.3739



50.7188, 0.2628, 0.2666



50.7188, 0.3880, 0.3482

Complementary

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



50.7188, 0.2889, 0.3739



34.2926, 0.3462, 0.2882

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.



50.7188, 0.3689, 0.3169



50.7188, 0.2889, 0.3739



50.7188, 0.2950, 0.2715

Square

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



50.7188, 0.2889, 0.3739



50.7188, 0.2444, 0.2768



50.7188, 0.3340, 0.2895



50.7188, 0.3853, 0.3771

Rectangle

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



50.7188, 0.2889, 0.3739



50.7188, 0.2462, 0.3134



50.7188, 0.3340, 0.2895



50.7188, 0.3839, 0.3377

Sweetspot

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



50.7209, 0.2889, 0.3739



95.1640, 0.3054, 0.3408



52.9125, 0.3335, 0.4116



20.2128, 0.3042, 0.3429



0.0000, 0.0000, 0.0000



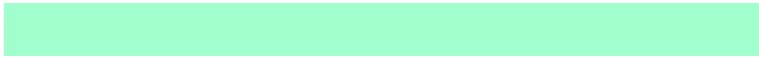
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7209, 0.2889, 0.3739



83.5296, 0.2843, 0.3858



52.0354, 0.2696, 0.3303



12.6258, 0.3051, 0.3412



27.7627, 0.2736, 0.5049



1.4476, 0.2634, 0.4682

Inverse Universe

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



34.2926, 0.3462, 0.2882



51.2504, 0.3564, 0.2789



33.2368, 0.3802, 0.3278



11.3088, 0.3211, 0.3171



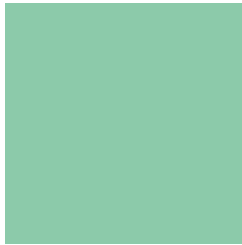
8.7458, 0.4873, 0.2458



0.4665, 0.4461, 0.2231

Previews

White Background



This preview shows how the Yxy color 50.7188, 0.2889, 0.3739 looks on a white background.

Color Contrast Check

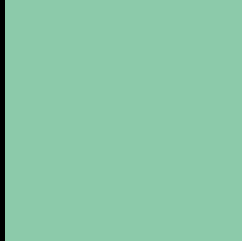
Large Text (above 18pt) WCAG AA × Fail

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 50.7188, 0.2889, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

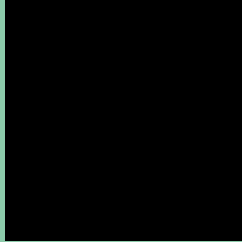
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7188, 0.2889, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 50.7188, 0.2889, 0.3739.

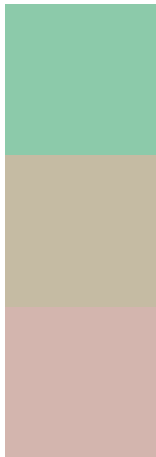


This preview shows how white text looks on a background with the Yxy color 50.7188, 0.2889, 0.3739.

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

50.7188, 0.2889, 0.3739

Protanopia

50.0553, 0.3404, 0.3594

Deuteranopia

49.9526, 0.3448, 0.3376



Tritanopia

50.6229, 0.2678, 0.3080

Trichromacy



Original Color

50.7188, 0.2889, 0.3739

Protanomaly

49.6826, 0.3193, 0.3635

Deuteranomaly

49.7266, 0.3217, 0.3497

Tritanomaly

50.5304, 0.2753, 0.3302

Monochromacy



Original Color

50.7188, 0.2889, 0.3739

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.1004, 0.3030, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7188, 0.2889, 0.3739 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(140, 202, 170)` looks like.

```
.text, #text, p{  
    color:rgb(140, 202, 170)  
}
```

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(140, 202, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 202, 170) }
```

Border

The CSS property to change the border of an element to Yxy 50.7188, 0.2889, 0.3739 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(140, 202, 170) }
```

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

```
.border{ border-color:rgb(140, 202, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 202, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(140, 202, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(140, 202, 170); box-shadow:4px 4px 4px 4px rgb(140, 202, 170) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7188, 0.2889, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 202, 170) }
```

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

```
.background{ background-color: rgb(140,  
202, 170) }
```

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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