

Converting Colors

$Yxy(54.3279, 0.3471, 0.4278)$

Have a look what the booklet for
Yxy(54.3279, 0.3471, 0.4278)
contains.

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Color

Yxy(54.3279, 0.3471, 0.4278)

Conversions

Conversions Part 1

Format	Color
Hex	B3CC80
RGB	179, 204, 128
RGB Percent	70%, 80%, 50%
CMY	0.2980, 0.2000, 0.4980
CMYK	0.12, 0.00, 0.37, 0.20
HSL	80°, 43%, 65%
HSV	80°, 37%, 80%
XYZ	44.0795, 54.3279, 28.5863
YIQ	187.8610, 9.4960, -28.9360

Conversions

Conversions Part 2

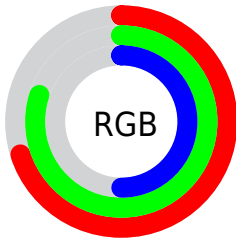
Format	Color
RYB	128, 204, 153
Decimal	11783296
CIELab	78.65, -20.96, 35.13
CIElCh	79, 40.909, 120.826
Yxy	54.3279, 0.3471, 0.4278
Android (android.graphics.Color)	4289973376 (0xFFB3CC80)
YUV	187.8610, -29.5115, -7.7711
Hunter-Lab	73.7075, -22.2391, 28.6005

Details

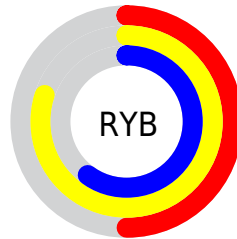
The Yxy color **54.3279, 0.3471, 0.4278** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.5730, 0.2671, 0.2235**, and the grayscale version is **50.3742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.7303, 0.3433, 0.4040**, and **26.7085, 0.3539, 0.4566** is the 20% darker color. If you saturate the color by 10%, you get **53.0655, 0.3548, 0.4553**, and if you desaturate by 10%, it is **55.7420, 0.3384, 0.4000**.

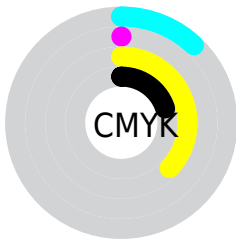
Distribution



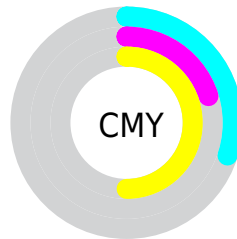
- Red (70%)
- Green (80%)
- Blue (50%)



- Red (50%)
- Yellow (80%)
- Blue (60%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)





- Cyan (30%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3279, 0.3471, 0.4278 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 54.3279, 0.3471, 0.4278 by changing the saturation by 10% instead.


 54.3279, 0.3471,
0.4278


 54.3279, 0.3471,
0.4278


403.3592, 0.3318,
0.3782


 38.8639, 0.3502,
0.4400


 96.5555, 0.3420,
0.4098

 26.6538, 0.3538,
0.4556


 124.0879, 0.3400,
0.4031

 17.3134, 0.3577,
0.4759


 156.4119, 0.3382,
0.3973

 10.4582, 0.3616,
0.5032

193.9118, 0.3366,
0.3924

 5.7038, 0.3640,
0.5413

236.9721, 0.3352,
0.3882

 2.6658, 0.3765,
0.6235

285.9772, 0.3340,

 0.9599, 0.2935,

0.3844

0.7065

341.3114, 0.3328,
0.3811

0.0000, 0.0000,
0.0000

54.3279, 0.3471,
0.4278

54.3279, 0.3471,
0.4278

53.0655, 0.3548,
0.4553

55.7420, 0.3384,
0.4000

51.9406, 0.3610,
0.4812

57.3072, 0.3290,
0.3728

50.9478, 0.3651,
0.5045

59.0319, 0.3195,
0.3468


50.0784, 0.3669,
0.5239

60.9217, 0.3102,
0.3225

49.3222, 0.3662,
0.5385


62.9822, 0.3011,
0.3001

 48.6657, 0.3631,
0.5484

 65.2182, 0.2925,
0.2797

 48.4965, 0.3621,
0.5507

 66.5744, 0.2943,
0.2759

 67.6808, 0.2990,
0.2766

 68.8301, 0.3038,
0.2774

Harmonies

Analogous

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



54.3279, 0.3936, 0.4159



54.3279, 0.3471, 0.4278



54.3279, 0.2937, 0.4067

Triad

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



54.3279, 0.3471, 0.4278



54.3279, 0.2158, 0.2639



54.3279, 0.3787, 0.2991

Complementary

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



54.3279, 0.3471, 0.4278



26.5730, 0.2671, 0.2235

Split Complementary

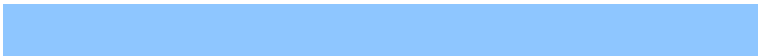
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.3279, 0.3250, 0.2659



54.3279, 0.3471, 0.4278



54.3279, 0.2337, 0.2448

Square

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



54.3279, 0.3471, 0.4278



54.3279, 0.2205, 0.3039



54.3279, 0.2722, 0.2464



54.3279, 0.4144, 0.3403

Rectangle

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



54.3279, 0.3471, 0.4278



54.3279, 0.2615, 0.3761



54.3279, 0.2722, 0.2464



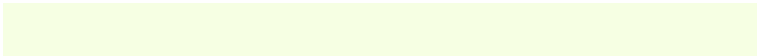
54.3279, 0.3619, 0.2868

Sweetspot

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



54.3303, 0.3471, 0.4278



96.6147, 0.3232, 0.3567



36.8765, 0.3912, 0.3603



20.5952, 0.3245, 0.3603



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.



54.3303, 0.3471, 0.4278



88.2100, 0.3536, 0.4507



50.4921, 0.3176, 0.4377



12.9046, 0.3216, 0.3522



30.5750, 0.3629, 0.5500



1.6175, 0.3742, 0.5411

Inverse Universe

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



26.5730, 0.2671, 0.2235



35.5150, 0.2540, 0.1969



30.7560, 0.3030, 0.2337



11.0203, 0.3033, 0.3054



3.5432, 0.1747, 0.0736



0.2240, 0.1970, 0.0859

Previews

White Background



This preview shows how the Yxy color 54.3279, 0.3471, 0.4278 looks on a white background.

Color Contrast Check

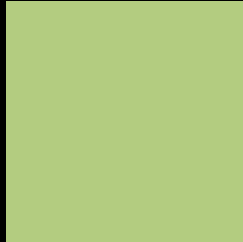
Large Text (above 18pt) WCAG AA × Fail

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 54.3279, 0.3471, 0.4278 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 54.3279, 0.3471, 0.4278

Background



This preview shows how black text looks on a background with the Yxy color 54.3279, 0.3471, 0.4278.



This preview shows how white text looks on a background with the Yxy color 54.3279, 0.3471, 0.4278.

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

54.3279, 0.3471, 0.4278

Protanopia

53.8877, 0.3815, 0.4128

Deuteranopia

53.9396, 0.3977, 0.3901



Tritanopia

54.1342, 0.2987, 0.3108

Trichromacy



Original Color

54.3279, 0.3471, 0.4278

Protanomaly

54.0109, 0.3684, 0.4194

Deuteranomaly

53.9248, 0.3784, 0.4032

Tritanomaly

54.1226, 0.3164, 0.3518

Monochromacy



Original Color

54.3279, 0.3471, 0.4278

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.6510, 0.3265, 0.3652

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3279, 0.3471, 0.4278 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(179, 204, 128)` looks like.

```
.text, #text, p{  
    color:rgb(179, 204, 128)  
}
```

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(179, 204, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 204, 128) }
```

Border

The CSS property to change the border of an element to Yxy 54.3279, 0.3471, 0.4278 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(179, 204, 128) }
```

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

```
.border{ border-color:rgb(179, 204, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 204, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 204, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 204, 128);  
box-shadow:4px 4px 4px 4px rgb(179, 204,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3279, 0.3471, 0.4278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 204, 128) }
```

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

```
.background{ background-color: rgb(179,  
204, 128) }
```

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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