

Converting Colors

$Yxy(44.3468, 0.2983, 0.3741)$

Have a look what the booklet for
Yxy(44.3468, 0.2983, 0.3741)
contains.

Yxy(44.1858, 0.2979, 0.3728)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.1858, 0.2979, 0.3728)

Conversions

Conversions Part 1

Format	Color
Hex	8EBC9E
RGB	142, 188, 158
RGB Percent	56%, 74%, 62%
CMY	0.4433, 0.2627, 0.3803
CMYK	0.24, 0.00, 0.16, 0.26
HSL	141°, 26%, 65%
HSV	141°, 24%, 74%
XYZ	35.3083, 44.1858, 39.0300
YIQ	170.8260, -17.7860, -19.0820

Conversions

Conversions Part 2

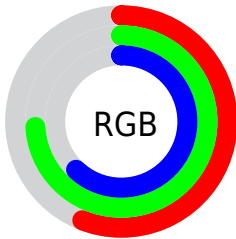
Format	Color
RYB	142, 176, 188
Decimal	9354398
CIELab	72.35, -21.40, 10.26
CIELCh	72, 23.731, 154.384
Yxy	44.1858, 0.2979, 0.3728
Android (android.graphics.Color)	4287544478 (0xFF8EBC9E)
YUV	170.8260, -6.3232, -25.2804
Hunter-Lab	66.4724, -21.5123, 11.7179

Details

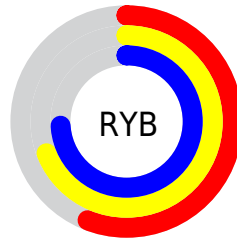
The Yxy color **44.1858, 0.2979, 0.3728** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.0059, 0.3313, 0.2889**, and the grayscale version is **40.6709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2412, 0.3004, 0.3636**, and **20.6136, 0.2932, 0.3867** is the 20% darker color. If you saturate the color by 10%, you get **42.2621, 0.2924, 0.3941**, and if you desaturate by 10%, it is **46.4357, 0.3038, 0.3534**.

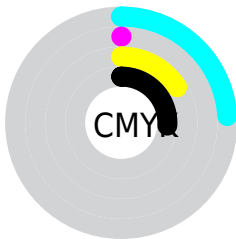
Distribution



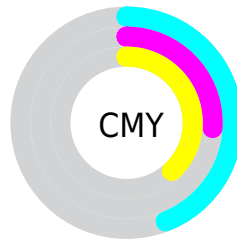
- Red (56%)
- Green (74%)
- Blue (62%)



- Red (56%)
- Yellow (69%)
- Blue (74%)



- Cyan (24%)
- Magenta (0%)
- Yellow (16%)
- Black (26%)



- Cyan (44%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1858, 0.2979, 0.3728 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 44.1858, 0.2979, 0.3728 by changing the saturation by 10% instead.

■ 44.1858, 0.2979,
0.3728

■ 44.1858, 0.2979,
0.3728

■ 363.4659, 0.3057,
0.3501

■ 30.8166, 0.2958,
0.3788

■ 81.4973, 0.3008,
0.3643

■ 20.4592, 0.2931,
0.3866

■ 106.2083, 0.3019,
0.3612

■ 12.7293, 0.2893,
0.3974

■ 135.4688, 0.3028,
0.3586

■ 7.2424, 0.2837,
0.4130

■ 169.6630, 0.3035,
0.3564

■ 3.6142, 0.2746,
0.4379

■ 209.1755, 0.3042,
0.3545

■ 1.4602, 0.2583,
0.4852

■ 254.3905, 0.3048,

■ 0.2604, 0.0000,

0.3528

1.0000

305.6925, 0.3053,
0.3513

0.0000, 0.0000,
0.0000

44.1858, 0.2979,
0.3728

44.1858, 0.2979,
0.3728

42.2621, 0.2924,
0.3941

46.4357, 0.3038,
0.3534

40.6436, 0.2875,
0.4172

49.0204, 0.3100,
0.3361

39.3158, 0.2837,
0.4417


51.9553, 0.3161,
0.3208

38.2604, 0.2812,
0.4668


55.2529, 0.3221,
0.3073

37.4572, 0.2803,
0.4917


58.9252, 0.3279,
0.2955

 36.8827, 0.2811,
0.5153

 62.9837, 0.3334,
0.2852

 36.5090, 0.2837,
0.5367

 63.7443, 0.3242,
0.2736

 36.3583, 0.2854,
0.5474

 64.4497, 0.3158,
0.2634

Harmonies

Analogous

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



44.1858, 0.3316, 0.3885



44.1858, 0.2979, 0.3728



44.1858, 0.2692, 0.3434

Triad

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



44.1858, 0.2979, 0.3728



44.1858, 0.2646, 0.2745



44.1858, 0.3770, 0.3412

Complementary

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



44.1858, 0.2979, 0.3728



33.0059, 0.3313, 0.2889

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.



44.1858, 0.3571, 0.3136



44.1858, 0.2979, 0.3728



44.1858, 0.2913, 0.2763

Square

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



44.1858, 0.2979, 0.3728



44.1858, 0.2509, 0.2865



44.1858, 0.3252, 0.2904



44.1858, 0.3783, 0.3675

Rectangle

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



44.1858, 0.2979, 0.3728



44.1858, 0.2564, 0.3215



44.1858, 0.3252, 0.2904



44.1858, 0.3722, 0.3318

Sweetspot

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



44.1876, 0.2979, 0.3728



87.5430, 0.3083, 0.3405



46.7675, 0.3355, 0.3921



18.7638, 0.3080, 0.3415



95.5105, 0.3127, 0.3290



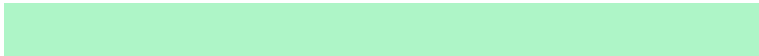
19.5994, 0.3127, 0.3290

Same Dimension

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



44.1876, 0.2979, 0.3728



78.2645, 0.2951, 0.3832



45.0268, 0.2823, 0.3398



10.7031, 0.3070, 0.3443



24.7653, 0.2847, 0.5451



0.9826, 0.2706, 0.4940

Inverse Universe

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



33.0059, 0.3313, 0.2889



54.7434, 0.3361, 0.2805



32.2200, 0.3548, 0.3186



9.6382, 0.3189, 0.3142



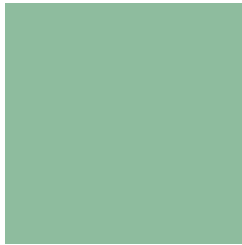
8.2572, 0.4319, 0.2153



0.3354, 0.3989, 0.1971

Previews

White Background



This preview shows how the Yxy color 44.1858, 0.2979, 0.3728 looks on a white background.

Color Contrast Check

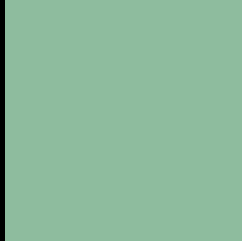
Large Text (above 18pt) WCAG AA × Fail

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 44.1858, 0.2979, 0.3728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

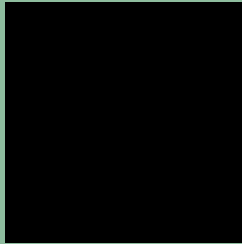
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1858, 0.2979, 0.3728

Background



This preview shows how black text looks on a background with the Yxy color 44.1858, 0.2979, 0.3728.



This preview shows how white text looks on a background with the Yxy color 44.1858, 0.2979, 0.3728.

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

44.1858, 0.2979, 0.3728

Protanopia

43.7568, 0.3420, 0.3611

Deuteranopia

44.0138, 0.3475, 0.3406



Tritanopia

44.2878, 0.2756, 0.3097

Trichromacy



Original Color

44.1858, 0.2979, 0.3728

Protanomaly

43.5217, 0.3250, 0.3652

Deuteranomaly

43.6012, 0.3277, 0.3507

Tritanomaly

44.2278, 0.2831, 0.3317

Monochromacy



Original Color

44.1858, 0.2979, 0.3728

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6710, 0.3068, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1858, 0.2979, 0.3728 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(142, 188, 158)` looks like.

```
.text, #text, p{  
    color:rgb(142, 188, 158)  
}
```

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(142, 188, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 188, 158) }
```

Border

The CSS property to change the border of an element to Yxy 44.1858, 0.2979, 0.3728 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(142, 188, 158) }
```

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

```
.border{ border-color:rgb(142, 188, 158) }
```

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

Here you see how a box with a 4 pixel rgb(142, 188, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 188, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 188, 158);  
box-shadow:4px 4px 4px 4px rgb(142, 188,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1858, 0.2979, 0.3728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 188, 158) }
```

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

```
.background{ background-color: rgb(142,  
188, 158) }
```

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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