

Converting Colors

$Yxy(44.4168, 0.2981, 0.3750)$

Have a look what the booklet for
Yxy(44.4168, 0.2981, 0.3750)
contains.

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Color

Yxy(44.4922, 0.2979, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	8DBD9D
RGB	141, 189, 157
RGB Percent	55%, 74%, 62%
CMY	0.4470, 0.2588, 0.3843
CMYK	0.25, 0.00, 0.17, 0.26
HSL	140°, 27%, 65%
HSV	140°, 25%, 74%
XYZ	35.2694, 44.4922, 38.6317
YIQ	171.0000, -18.3360, -20.1280

Conversions

Conversions Part 2

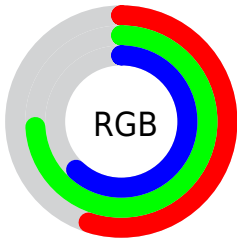
Format	Color
RYB	141, 177, 189
Decimal	9289117
CIELab	72.56, -22.41, 11.10
CIELCh	73, 25.005, 153.657
Yxy	44.4922, 0.2979, 0.3758
Android (android.graphics.Color)	4287479197 (0xFF8DBD9D)
YUV	171.0000, -6.9020, -26.3100
Hunter-Lab	66.7025, -22.3463, 12.3530

Details

The Yxy color **44.4922, 0.2979, 0.3758** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.8881, 0.3314, 0.2864**, and the grayscale version is **40.7687, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6604, 0.3003, 0.3658**, and **20.5422, 0.2932, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **42.5677, 0.2926, 0.3979**, and if you desaturate by 10%, it is **46.7476, 0.3036, 0.3558**.

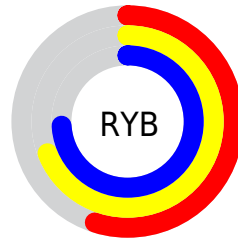
Distribution



Red (55%)

Green (74%)

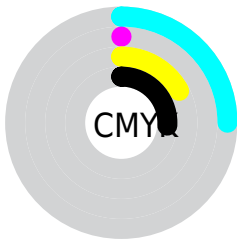
Blue (62%)



Red (55%)

Yellow (69%)

Blue (74%)

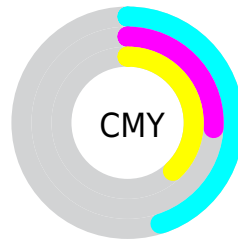


Cyan (25%)

Magenta (0%)

Yellow (17%)

Black (26%)



Cyan (45%)

Magenta (26%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4922, 0.2979, 0.3758 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 44.4922, 0.2979, 0.3758 by changing the saturation by 10% instead.

■ 44.4922, 0.2979,
0.3758

■ 44.4922, 0.2979,
0.3758

■ 364.7130, 0.3057,
0.3515

■ 31.0576, 0.2958,
0.3822

■ 81.9579, 0.3008,
0.3667

■ 20.6427, 0.2930,
0.3906

■ 106.7578, 0.3019,
0.3634

■ 12.8631, 0.2892,
0.4021

■ 136.1149, 0.3028,
0.3606

■ 7.3344, 0.2834,
0.4189

■ 170.4137, 0.3036,
0.3582

■ 3.6721, 0.2742,
0.4454

■ 210.0385, 0.3042,
0.3562

■ 1.4919, 0.2577,
0.4967

■ 255.3737, 0.3048,

■ 0.2830, 0.0000,

0.3544

1.0000

306.8038, 0.3053,
0.3529

0.0000, 0.0000,
0.0000

44.4922, 0.2979,
0.3758

44.4922, 0.2979,
0.3758

42.5677, 0.2926,
0.3979

46.7476, 0.3036,
0.3558

40.9527, 0.2880,
0.4217

49.3428, 0.3095,
0.3378

39.6321, 0.2844,
0.4468


52.2934, 0.3154,
0.3219

38.5873, 0.2821,
0.4725

55.6124, 0.3212,
0.3080


37.7972, 0.2814,
0.4978


59.3121, 0.3268,
0.2957

 37.2378, 0.2825,
0.5216

 63.4042, 0.3321,
0.2851

 36.8797, 0.2851,
0.5427

 64.2605, 0.3230,
0.2733

 36.7551, 0.2865,
0.5515

 64.8760, 0.3157,
0.2644

Harmonies

Analogous

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



44.4922, 0.3333, 0.3918



44.4922, 0.2979, 0.3758



44.4922, 0.2676, 0.3449

Triad

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



44.4922, 0.2979, 0.3758



44.4922, 0.2617, 0.2719



44.4922, 0.3800, 0.3409

Complementary

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



44.4922, 0.2979, 0.3758



32.8881, 0.3314, 0.2864

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.



44.4922, 0.3587, 0.3121



44.4922, 0.2979, 0.3758



44.4922, 0.2894, 0.2736

Square

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



44.4922, 0.2979, 0.3758



44.4922, 0.2477, 0.2847



44.4922, 0.3249, 0.2880



44.4922, 0.3819, 0.3687

Rectangle

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



44.4922, 0.2979, 0.3758



44.4922, 0.2541, 0.3218



44.4922, 0.3249, 0.2880



44.4922, 0.3748, 0.3311

Sweetspot

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



44.4941, 0.2979, 0.3758



87.0379, 0.3079, 0.3425



47.2039, 0.3364, 0.3946



18.5632, 0.3070, 0.3452



95.5105, 0.3127, 0.3290



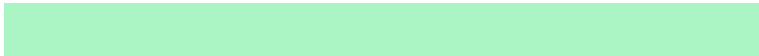
19.5994, 0.3127, 0.3290

Same Dimension

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



44.4941, 0.2979, 0.3758



77.8609, 0.2951, 0.3868



45.3957, 0.2812, 0.3402



10.7007, 0.3072, 0.3447



24.7423, 0.2859, 0.5492



0.9816, 0.2716, 0.4979

Inverse Universe

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



32.8881, 0.3314, 0.2864



53.8223, 0.3362, 0.2776



32.0412, 0.3569, 0.3182



9.6407, 0.3187, 0.3138



8.3070, 0.4259, 0.2120



0.3371, 0.3949, 0.1949

Previews

White Background



This preview shows how the Yxy color 44.4922, 0.2979, 0.3758 looks on a white background.

Color Contrast Check

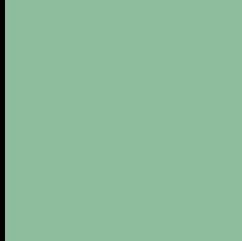
Large Text (above 18pt) WCAG AA × Fail

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 44.4922, 0.2979, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

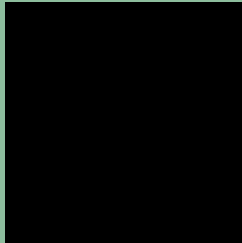
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4922, 0.2979, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 44.4922, 0.2979, 0.3758.



This preview shows how white text looks on a background with the Yxy color 44.4922, 0.2979, 0.3758.

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

44.4922, 0.2979, 0.3758

Protanopia

44.2434, 0.3436, 0.3637

Deuteranopia

44.1165, 0.3493, 0.3418



Tritanopia

44.3338, 0.2749, 0.3084

Trichromacy



Original Color

44.4922, 0.2979, 0.3758

Protanomaly

43.8937, 0.3256, 0.3679

Deuteranomaly

43.9626, 0.3284, 0.3534

Tritanomaly

44.2278, 0.2831, 0.3317

Monochromacy



Original Color

44.4922, 0.2979, 0.3758

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

42.0675, 0.3068, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4922, 0.2979, 0.3758 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(141, 189, 157)` looks like.

```
.text, #text, p{  
    color:rgb(141, 189, 157)  
}
```

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(141, 189, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 189, 157) }
```

Border

The CSS property to change the border of an element to Yxy 44.4922, 0.2979, 0.3758 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(141, 189, 157) }
```

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

```
.border{ border-color:rgb(141, 189, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 189, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 189, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 189, 157);  
box-shadow:4px 4px 4px 4px rgb(141, 189,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4922, 0.2979, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 189, 157) }
```

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

```
.background{ background-color: rgb(141,  
189, 157) }
```

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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