

Converting Colors

$Yxy(44.7188, 0.3176, 0.3889)$

Have a look what the booklet for
Yxy(44.7188, 0.3176, 0.3889)
contains.

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Color

Yxy(44.5845, 0.3174, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	9BBB92
RGB	155, 187, 146
RGB Percent	61%, 73%, 57%
CMY	0.3920, 0.2667, 0.4275
CMYK	0.17, 0.00, 0.22, 0.27
HSL	107°, 23%, 65%
HSV	107°, 22%, 73%
XYZ	36.4814, 44.5845, 33.8723
YIQ	172.7580, -5.9110, -19.5350

Conversions

Conversions Part 2

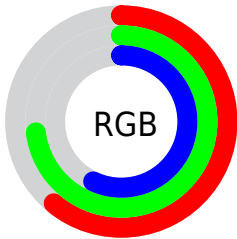
Format	Color
RYB	146, 187, 178
Decimal	10206098
CIELab	72.62, -18.60, 17.27
CIELCh	73, 25.385, 137.124
Yxy	44.5845, 0.3174, 0.3879
Android (android.graphics.Color)	4288396178 (0xFF9BBB92)
YUV	172.7580, -13.1917, -15.5738
Hunter-Lab	66.7716, -19.3250, 16.6632

Details

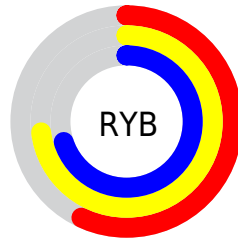
The Yxy color **44.5845, 0.3174, 0.3879** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.6006, 0.3064, 0.2738**, and the grayscale version is **41.7343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9730, 0.3170, 0.3763**, and **20.7600, 0.3178, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **42.6950, 0.3190, 0.4189**, and if you desaturate by 10%, it is **46.7470, 0.3154, 0.3594**.

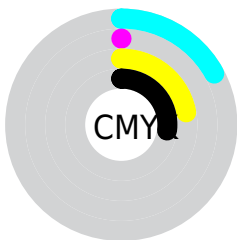
Distribution



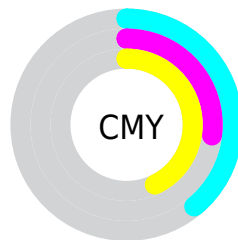
- Red (61%)
- Green (73%)
- Blue (57%)



- Red (57%)
- Yellow (73%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)




- Cyan (39%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5845, 0.3174, 0.3879 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 44.5845, 0.3174, 0.3879 by changing the saturation by 10% instead.


 44.5845, 0.3174,
0.3879

 44.5845, 0.3174,
0.3879


365.0882, 0.3156,
0.3573

 31.1303, 0.3177,
0.3959


 82.0966, 0.3169,
0.3765

 20.6981, 0.3179,
0.4064


 106.9232, 0.3166,
0.3723

 12.9035, 0.3180,
0.4208


136.3094, 0.3164,
0.3688

 7.3621, 0.3176,
0.4417

170.6396, 0.3162,
0.3658

 3.6896, 0.3159,
0.4743

210.2982, 0.3160,
0.3632

 1.5015, 0.3250,
0.5584

255.6695, 0.3158,

 0.2898, 0.0000,

0.3610

1.0000

307.1381, 0.3157,
0.3590

0.0000, 0.0000,
0.0000

44.5845, 0.3174,
0.3879

44.5845, 0.3174,
0.3879

42.6950, 0.3190,
0.4189

46.7470, 0.3154,
0.3594

41.0620, 0.3201,
0.4517

49.1870, 0.3132,
0.3336

39.6758, 0.3203,
0.4850

51.9160, 0.3108,
0.3108

38.5241, 0.3196,
0.5170

54.9431, 0.3085,
0.2906

37.5932, 0.3178,
0.5456

58.2770, 0.3062,
0.2730

■ 36.8681, 0.3149,
0.5688

■ 61.7193, 0.3063,
0.2604

■ 36.3314, 0.3112,
0.5850

■ 64.0187, 0.3158,
0.2624

■ 36.0159, 0.3081,
0.5936

Harmonies

Analogous

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



44.5845, 0.3521, 0.3931



44.5845, 0.3174, 0.3879



44.5845, 0.2827, 0.3637

Triad

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



44.5845, 0.3174, 0.3879



44.5845, 0.2513, 0.2765



44.5845, 0.3712, 0.3247

Complementary

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



44.5845, 0.3174, 0.3879



33.6006, 0.3064, 0.2738

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.



44.5845, 0.3413, 0.2975



44.5845, 0.3174, 0.3879



44.5845, 0.2721, 0.2702

Square

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



44.5845, 0.3174, 0.3879



44.5845, 0.2459, 0.2972



44.5845, 0.3047, 0.2780



44.5845, 0.3845, 0.3542

Rectangle

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



44.5845, 0.3174, 0.3879



44.5845, 0.2642, 0.3411



44.5845, 0.3047, 0.2780



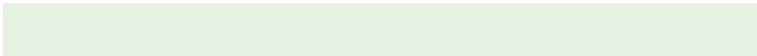
44.5845, 0.3627, 0.3151

Sweetspot

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



44.5864, 0.3174, 0.3879



85.7694, 0.3143, 0.3466



44.2526, 0.3478, 0.3710



18.8302, 0.3145, 0.3482



95.5105, 0.3127, 0.3290



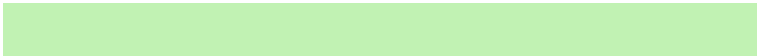
19.5994, 0.3127, 0.3290

Same Dimension

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



44.5864, 0.3174, 0.3879



78.2783, 0.3182, 0.4016



44.0805, 0.3019, 0.3727



10.7485, 0.3148, 0.3525



24.8435, 0.3087, 0.5931



1.0028, 0.3260, 0.5794

Inverse Universe

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



33.6006, 0.3064, 0.2738



55.3229, 0.3047, 0.2620



34.2559, 0.3257, 0.2890



9.5872, 0.3103, 0.3061



6.6976, 0.2662, 0.1240



0.2891, 0.2800, 0.1316

Previews

White Background



This preview shows how the Yxy color 44.5845, 0.3174, 0.3879 looks on a white background.

Color Contrast Check

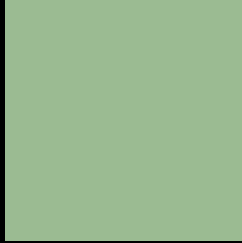
Large Text (above 18pt) WCAG AA × Fail

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 44.5845, 0.3174, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

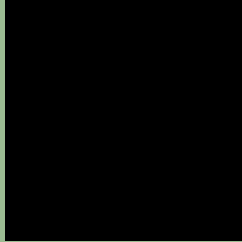
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5845, 0.3174, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 44.5845, 0.3174, 0.3879.



This preview shows how white text looks on a background with the Yxy color 44.5845, 0.3174, 0.3879.

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

44.5845, 0.3174, 0.3879

Protanopia

44.1862, 0.3541, 0.3769

Deuteranopia

44.2749, 0.3641, 0.3569



Tritanopia

44.3692, 0.2873, 0.3088

Trichromacy



Original Color

44.5845, 0.3174, 0.3879

Protanomaly

44.3780, 0.3402, 0.3811

Deuteranomaly

44.1472, 0.3462, 0.3677

Tritanomaly

44.5149, 0.2982, 0.3372

Monochromacy



Original Color

44.5845, 0.3174, 0.3879

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.5921, 0.3143, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5845, 0.3174, 0.3879 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(155, 187, 146)` looks like.

```
.text, #text, p{  
    color:rgb(155, 187, 146)  
}
```

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(155, 187, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 187, 146) }
```

Border

The CSS property to change the border of an element to Yxy 44.5845, 0.3174, 0.3879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

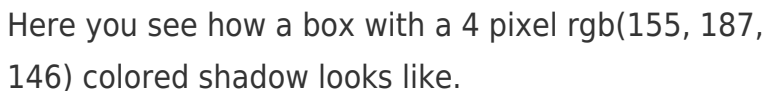
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 187, 146) }
```

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

```
.border{ border-color:rgb(155, 187, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 187, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 187, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 187, 146); box-shadow:4px 4px 4px 4px rgb(155, 187, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5845, 0.3174, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 187, 146) }
```

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

```
.background{ background-color: rgb(155,  
187, 146) }
```

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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