

Converting Colors

Yxy(46.4698, 0.3131, 0.3543)

Have a look what the booklet for
Yxy(46.4698, 0.3131, 0.3543)
contains.

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Color

Yxy(46.3800, 0.3124, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	A9BAA8
RGB	169, 186, 168
RGB Percent	66%, 73%, 66%
CMY	0.3373, 0.2706, 0.3412
CMYK	0.09, 0.00, 0.10, 0.27
HSL	117°, 12%, 69%
HSV	117°, 10%, 73%
XYZ	40.9876, 46.3800, 43.8347
YIQ	178.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

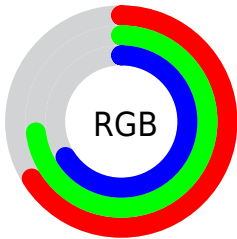
Format	Color
RYB	168, 186, 185
Decimal	11123368
CIELab	73.79, -9.28, 7.13
CIELCh	74, 11.705, 142.443
Yxy	46.3800, 0.3124, 0.3535
Android (android.graphics.Color)	4289313448 (0xFFA9BAA8)
YUV	178.8650, -5.3564, -8.6516
Hunter-Lab	68.1029, -11.7501, 9.5098

Details

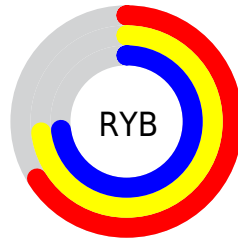
The Yxy color **46.3800, 0.3124, 0.3535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.8640, 0.3129, 0.3055**, and the grayscale version is **45.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6793, 0.3124, 0.3490**, and **21.8179, 0.3123, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **43.9234, 0.3119, 0.3820**, and if you desaturate by 10%, it is **49.2009, 0.3127, 0.3283**.

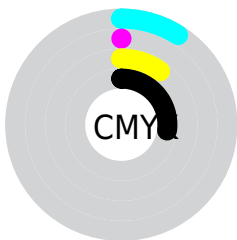
Distribution



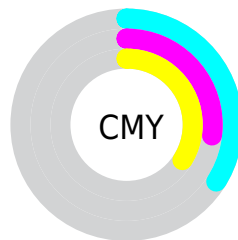
- Red (66%)
- Green (73%)
- Blue (66%)



- Red (66%)
- Yellow (73%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (34%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.3800, 0.3124, 0.3535 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 46.3800, 0.3124, 0.3535 by changing the saturation by 10% instead.


 46.3800, 0.3124,
0.3535


 46.3800, 0.3124,
0.3535


372.3343, 0.3127,
0.3411

 32.5458, 0.3123,
0.3567


 84.7874, 0.3125,
0.3489

 21.7787, 0.3122,
0.3608


 110.1294, 0.3126,
0.3472

 13.6944, 0.3119,
0.3664


140.0761, 0.3126,
0.3458

 7.9084, 0.3116,
0.3743

175.0120, 0.3126,
0.3446

 4.0364, 0.3109,
0.3865

215.3213, 0.3126,
0.3435

 1.6939, 0.3093,
0.4075

261.3885, 0.3126,


 0.4197, 0.2912,

0.3426


0.7088

313.5981, 0.3126,
0.3418


 0.0000, 0.0000,
0.0000

 46.3800, 0.3124,
0.3535

 46.3800, 0.3124,
0.3535

 43.9234, 0.3119,
0.3820


 49.2009, 0.3127,
0.3283

 41.8104, 0.3112,
0.4137

 52.3937, 0.3129,
0.3062


 40.0277, 0.3102,
0.4477

 55.9734, 0.3130,
0.2871

 38.5585, 0.3090,
0.4828

 59.9524, 0.3130,
0.2706

 37.3847, 0.3075,
0.5169

 63.6005, 0.3159,
0.2614

■ 36.4861, 0.3058,
0.5477

■ 35.8404, 0.3040,
0.5725

■ 35.4215, 0.3024,
0.5894

■ 35.1922, 0.3012,
0.5988

Harmonies

Analogous

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



46.3800, 0.3285, 0.3579



46.3800, 0.3124, 0.3535



46.3800, 0.2967, 0.3420

Triad

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



46.3800, 0.3124, 0.3535



46.3800, 0.2853, 0.3038



46.3800, 0.3408, 0.3301

Complementary

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



46.3800, 0.3124, 0.3535



41.8640, 0.3129, 0.3055

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.



46.3800, 0.3286, 0.3164



46.3800, 0.3124, 0.3535



46.3800, 0.2966, 0.3015

Square

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



46.3800, 0.3124, 0.3535



46.3800, 0.2813, 0.3129



46.3800, 0.3124, 0.3061



46.3800, 0.3452, 0.3438

Rectangle

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



46.3800, 0.3124, 0.3535



46.3800, 0.2885, 0.3320



46.3800, 0.3124, 0.3061



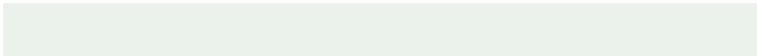
46.3800, 0.3374, 0.3253

Sweetspot

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



46.3820, 0.3124, 0.3535



87.3783, 0.3126, 0.3364



47.8836, 0.3271, 0.3509



19.1496, 0.3126, 0.3384



95.5105, 0.3127, 0.3290



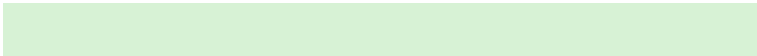
19.5994, 0.3127, 0.3290

Same Dimension

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



46.3820, 0.3124, 0.3535



82.8824, 0.3123, 0.3604



46.5715, 0.3056, 0.3428



10.0833, 0.3124, 0.3526



23.6819, 0.3015, 0.5988



0.8429, 0.3073, 0.5942

Inverse Universe

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



41.8640, 0.3129, 0.3055



72.7417, 0.3129, 0.2993



41.6658, 0.3205, 0.3156



9.1367, 0.3129, 0.3064



8.5800, 0.3072, 0.1466



0.3102, 0.3110, 0.1487

Previews

White Background



This preview shows how the Yxy color 46.3800, 0.3124, 0.3535 looks on a white background.

Color Contrast Check

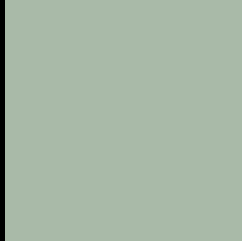
Large Text (above 18pt) WCAG AA × Fail

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 46.3800, 0.3124, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

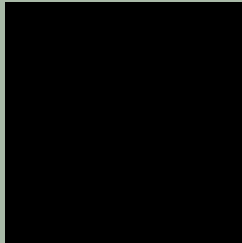
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.3800, 0.3124, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 46.3800, 0.3124, 0.3535.



This preview shows how white text looks on a background with the Yxy color 46.3800, 0.3124, 0.3535.

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

46.3800, 0.3124, 0.3535

Protanopia

46.0505, 0.3320, 0.3487

Deuteranopia

46.2587, 0.3423, 0.3353



Tritanopia

46.4401, 0.2954, 0.3107

Trichromacy



Original Color

46.3800, 0.3124, 0.3535

Protanomaly

46.0328, 0.3247, 0.3503

Deuteranomaly

46.1811, 0.3315, 0.3420

Tritanomaly

46.1828, 0.3013, 0.3250

Monochromacy



Original Color

46.3800, 0.3124, 0.3535

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.6650, 0.3123, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.3800, 0.3124, 0.3535 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(169, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(169, 186, 168)  
}
```

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(169, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 186, 168) }
```

Border

The CSS property to change the border of an element to Yxy 46.3800, 0.3124, 0.3535 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(169, 186, 168) }
```

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

```
.border{ border-color:rgb(169, 186, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(169, 186,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 46.3800, 0.3124, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 186, 168) }
```

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

```
.background{ background-color: rgb(169,  
186, 168) }
```

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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