

Converting Colors

$Y_{xy}(45.1919, 0.3082, 0.3409)$

Have a look what the booklet for
Yxy(45.1919, 0.3082, 0.3409)
contains.

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Color

Yxy(45.3580, 0.3079, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	A9B7AE
RGB	169, 183, 174
RGB Percent	66%, 72%, 68%
CMY	0.3374, 0.2823, 0.3176
CMYK	0.08, 0.00, 0.05, 0.28
HSL	142°, 9%, 69%
HSV	142°, 8%, 72%
XYZ	40.9312, 45.3580, 46.6475
YIQ	177.7880, -5.4550, -5.7670

Conversions

Conversions Part 2

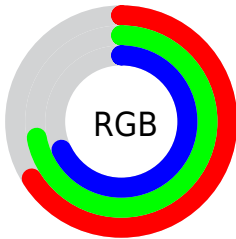
Format	Color
RYB	169, 179, 183
Decimal	11122606
CIELab	73.13, -6.59, 2.90
CIELCh	73, 7.197, 156.274
Yxy	45.3580, 0.3079, 0.3412
Android (android.graphics.Color)	4289312686 (0xFFA9B7AE)
YUV	177.7880, -1.8675, -7.7071
Hunter-Lab	67.3483, -9.3756, 6.0778

Details

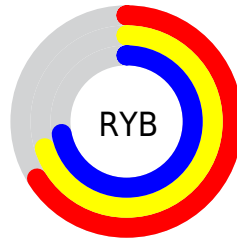
The Yxy color $45.3580, 0.3079, 0.3412$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $41.6459, 0.3179, 0.3171$, and the grayscale version is $44.4139, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.2374, 0.3089, 0.3395$, and $21.1523, 0.3063, 0.3440$ is the 20% darker color. If you saturate the color by 10%, you get $43.0382, 0.3017, 0.3588$, and if you desaturate by 10%, it is $48.0049, 0.3142, 0.3255$.

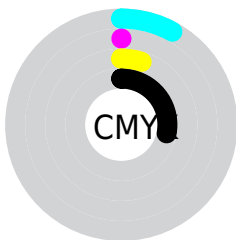
Distribution



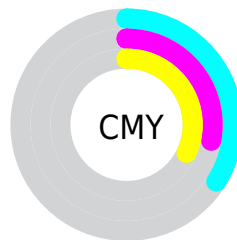
- Red (66%)
- Green (72%)
- Blue (68%)



- Red (66%)
- Yellow (70%)
- Blue (72%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)





- Cyan (34%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3580, 0.3079, 0.3412 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 45.3580, 0.3079, 0.3412 by changing the saturation by 10% instead.


 45.3580, 0.3079,
0.3412

 45.3580, 0.3079,
0.3412


368.2215, 0.3104,
0.3350

 31.7395, 0.3073,
0.3428


 83.2574, 0.3088,
0.3389

 21.1626, 0.3065,
0.3448


 108.3070, 0.3091,
0.3381

 13.2429, 0.3054,
0.3475


137.9359, 0.3094,
0.3374

 7.5960, 0.3038,
0.3514

172.5283, 0.3097,
0.3368

 3.8376, 0.3014,
0.3574

212.4687, 0.3099,
0.3362

 1.5831, 0.2973,
0.3677

258.1414, 0.3100,

 0.3462, 0.2442,

0.3358

0.5025

309.9309, 0.3102,
0.3354

0.0000, 0.0000,
0.0000

45.3580, 0.3079,
0.3412

45.3580, 0.3079,
0.3412

43.0382, 0.3017,
0.3588

48.0049, 0.3142,
0.3255

41.0270, 0.2957,
0.3785

50.9852, 0.3204,
0.3117

39.3127, 0.2903,
0.4000

54.3120, 0.3264,
0.2996

37.8808, 0.2856,
0.4231

57.9963, 0.3321,
0.2890

36.7154, 0.2821,
0.4474

60.9954, 0.3332,
0.2790

■ 35.7989, 0.2800,
0.4722

■ 61.6869, 0.3240,
0.2681

■ 35.1117, 0.2796,
0.4965

■ 62.3520, 0.3160,
0.2585

■ 34.6309, 0.2809,
0.5193

■ 34.3224, 0.2838,
0.5398

Harmonies

Analogous

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



45.3580, 0.3181, 0.3461



45.3580, 0.3079, 0.3412



45.3580, 0.2991, 0.3329

Triad

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



45.3580, 0.3079, 0.3412



45.3580, 0.2984, 0.3121



45.3580, 0.3319, 0.3339

Complementary

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



45.3580, 0.3079, 0.3412



41.6459, 0.3179, 0.3171

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.



45.3580, 0.3265, 0.3250



45.3580, 0.3079, 0.3412



45.3580, 0.3071, 0.3126

Square

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



45.3580, 0.3079, 0.3412



45.3580, 0.2936, 0.3160



45.3580, 0.3174, 0.3173



45.3580, 0.3321, 0.3417

Rectangle

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



45.3580, 0.3079, 0.3412



45.3580, 0.2951, 0.3267



45.3580, 0.3174, 0.3173



45.3580, 0.3307, 0.3309

Sweetspot

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



45.3599, 0.3079, 0.3412



83.8261, 0.3114, 0.3321



46.2118, 0.3196, 0.3477



18.5257, 0.3115, 0.3320



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.3599, 0.3079, 0.3412



80.5780, 0.3070, 0.3437



45.6358, 0.3026, 0.3318



10.1120, 0.3069, 0.3440



23.9104, 0.2839, 0.5420



0.8550, 0.2686, 0.4869

Inverse Universe

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



41.6459, 0.3179, 0.3171



72.7272, 0.3189, 0.3148



41.3760, 0.3238, 0.3262



9.1065, 0.3191, 0.3145



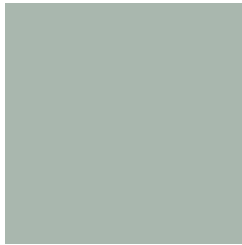
7.9371, 0.4357, 0.2174



0.2912, 0.3990, 0.1972

Previews

White Background



This preview shows how the Yxy color 45.3580, 0.3079, 0.3412 looks on a white background.

Color Contrast Check

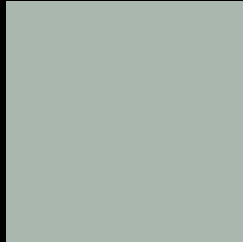
Large Text (above 18pt) WCAG AA × Fail

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 45.3580, 0.3079, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

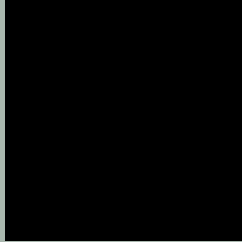
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

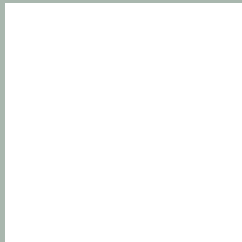
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3580, 0.3079, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 45.3580, 0.3079, 0.3412.



This preview shows how white text looks on a background with the Yxy color 45.3580, 0.3079, 0.3412.

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

45.3580, 0.3079, 0.3412

Protanopia

45.4091, 0.3228, 0.3382

Deuteranopia

45.0275, 0.3328, 0.3253



Tritanopia

45.3082, 0.2952, 0.3106

Trichromacy



Original Color

45.3580, 0.3079, 0.3412

Protanomaly

45.2434, 0.3175, 0.3383

Deuteranomaly

45.1042, 0.3232, 0.3316

Tritanomaly

45.2935, 0.2997, 0.3210

Monochromacy



Original Color

45.3580, 0.3079, 0.3412

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.9308, 0.3108, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3580, 0.3079, 0.3412 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, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(169, 183, 174)  
}
```

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, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 183, 174) }
```

Border

The CSS property to change the border of an element to Yxy 45.3580, 0.3079, 0.3412 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, 183, 174) }
```

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

```
.border{ border-color:rgb(169, 183, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 183, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(169, 183,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3580, 0.3079, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 183, 174) }
```

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

```
.background{ background-color: rgb(169,  
183, 174) }
```

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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