

Converting Colors

Yxy(45.5764, 0.3000, 0.3860)

Have a look what the booklet for
Yxy(45.5764, 0.3000, 0.3860)
contains.

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Color

Yxy(45.5746, 0.3000, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	8CC099
RGB	140, 192, 153
RGB Percent	55%, 75%, 60%
CMY	0.4508, 0.2471, 0.3999
CMYK	0.27, 0.00, 0.20, 0.25
HSL	135°, 29%, 65%
HSV	135°, 27%, 75%
XYZ	35.4207, 45.5746, 37.0736
YIQ	172.0060, -18.4730, -23.1530

Conversions

Conversions Part 2

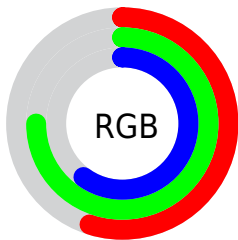
Format	Color
RYB	140, 182, 192
Decimal	9224345
CIELab	73.27, -24.97, 14.25
CIELCh	73, 28.749, 150.277
Yxy	45.5746, 0.3000, 0.3860
Android (android.graphics.Color)	4287414425 (0xFF8CC099)
YUV	172.0060, -9.3700, -28.0693
Hunter-Lab	67.5090, -24.4851, 14.6962

Details

The Yxy color **45.5746, 0.3000, 0.3860** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.2295, 0.3286, 0.2781**, and the grayscale version is **41.3188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8585, 0.3031, 0.3758**, and **21.2110, 0.2951, 0.4035** is the 20% darker color. If you saturate the color by 10%, you get **43.6033, 0.2957, 0.4114**, and if you desaturate by 10%, it is **47.8982, 0.3046, 0.3629**.

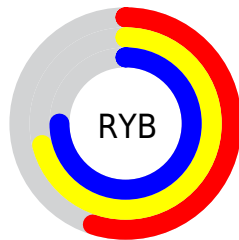
Distribution



Red (55%)

Green (75%)

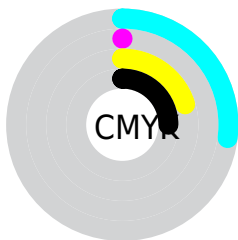
Blue (60%)



Red (55%)

Yellow (71%)

Blue (75%)

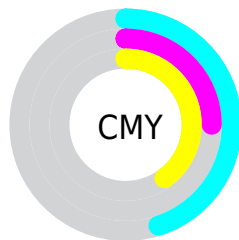


Cyan (27%)

Magenta (0%)

Yellow (20%)

Black (25%)



Cyan (45%)


Magenta (25%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5746, 0.3000, 0.3860 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 45.5746, 0.3000, 0.3860 by changing the saturation by 10% instead.


 45.5746, 0.3000,
0.3860


 45.5746, 0.3000,
0.3860


369.0957, 0.3069,
0.3563

 31.9103, 0.2981,
0.3938


 83.5820, 0.3026,
0.3749

 21.2930, 0.2955,
0.4040


 108.6938, 0.3036,
0.3709

 13.3383, 0.2919,
0.4181


 138.3903, 0.3044,
0.3675

 7.6619, 0.2864,
0.4385


173.0558, 0.3051,
0.3646

 3.8794, 0.2772,
0.4707

213.0747, 0.3056,
0.3621

 1.6063, 0.2626,
0.5362

258.8314, 0.3061,

 0.3619, 0.0000,

0.3599

1.0000

310.7103, 0.3065,
0.3580

0.0000, 0.0000,
0.0000

45.5746, 0.3000,
0.3860

45.5746, 0.3000,
0.3860

43.6033, 0.2957,
0.4114

47.8982, 0.3046,
0.3629

41.9614, 0.2920,
0.4386

50.5843, 0.3094,
0.3422

40.6323, 0.2893,
0.4670

53.6499, 0.3141,
0.3239

39.5953, 0.2877,
0.4953

57.1089, 0.3187,
0.3078

38.8274, 0.2875,
0.5222

60.9749, 0.3231,
0.2938

■ 38.3020, 0.2887,
0.5462

■ 65.2152, 0.3271,
0.2816

■ 37.9830, 0.2913,
0.5661

■ 66.1029, 0.3164,
0.2683

■ 37.9100, 0.2920,
0.5711

■ 66.1770, 0.3156,
0.2673

Harmonies

Analogous

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



45.5746, 0.3403, 0.4017



45.5746, 0.3000, 0.3860



45.5746, 0.2647, 0.3515

Triad

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



45.5746, 0.3000, 0.3860



45.5746, 0.2523, 0.2651



45.5746, 0.3879, 0.3383

Complementary

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



45.5746, 0.3000, 0.3860



33.2295, 0.3286, 0.2781

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.



45.5746, 0.3613, 0.3062



45.5746, 0.3000, 0.3860



45.5746, 0.2819, 0.2654

Square

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



45.5746, 0.3000, 0.3860



45.5746, 0.2385, 0.2811



45.5746, 0.3217, 0.2803



45.5746, 0.3926, 0.3703

Rectangle

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



45.5746, 0.3000, 0.3860



45.5746, 0.2483, 0.3248



45.5746, 0.3217, 0.2803



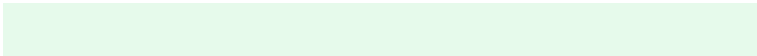
45.5746, 0.3812, 0.3273

Sweetspot

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



45.5765, 0.3000, 0.3860



91.1093, 0.3089, 0.3443



49.2796, 0.3424, 0.3982



19.3803, 0.3081, 0.3473



97.7402, 0.3127, 0.3290



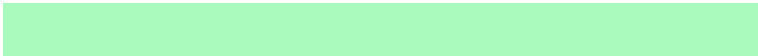
20.4902, 0.3127, 0.3290

Same Dimension

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



45.5765, 0.3000, 0.3860



80.5611, 0.2976, 0.3996



46.4960, 0.2828, 0.3486



11.2992, 0.3083, 0.3467



25.5216, 0.2914, 0.5691



1.1142, 0.2787, 0.5233

Inverse Universe

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



33.2295, 0.3286, 0.2781



54.7386, 0.3325, 0.2676



32.3037, 0.3550, 0.3104



10.2031, 0.3175, 0.3119



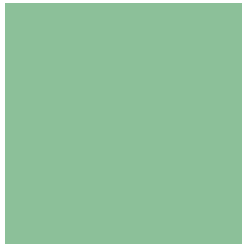
8.9096, 0.3953, 0.1951



0.3954, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 45.5746, 0.3000, 0.3860 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 45.5746, 0.3000, 0.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

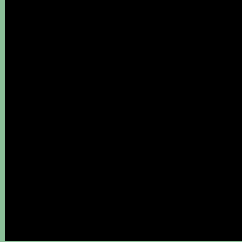
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5746, 0.3000, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 45.5746, 0.3000, 0.3860.



This preview shows how white text looks on a background with the Yxy color 45.5746, 0.3000, 0.3860.

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

45.5746, 0.3000, 0.3860

Protanopia

45.2939, 0.3493, 0.3712

Deuteranopia

45.3006, 0.3562, 0.3492



Tritanopia

45.6775, 0.2740, 0.3099

Trichromacy



Original Color

45.5746, 0.3000, 0.3860

Protanomaly

45.2216, 0.3302, 0.3772

Deuteranomaly

44.8666, 0.3332, 0.3613

Tritanomaly

45.4963, 0.2834, 0.3359

Monochromacy



Original Color

45.5746, 0.3000, 0.3860

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.4304, 0.3075, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5746, 0.3000, 0.3860 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(140, 192, 153)` looks like.

```
.text, #text, p{  
    color:rgb(140, 192, 153)  
}
```

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(140, 192, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 192, 153) }
```

Border

The CSS property to change the border of an element to Yxy 45.5746, 0.3000, 0.3860 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(140, 192, 153) }
```

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

```
.border{ border-color:rgb(140, 192, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 192, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 192, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 192, 153);  
box-shadow:4px 4px 4px 4px rgb(140, 192,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5746, 0.3000, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 192, 153) }
```

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

```
.background{ background-color: rgb(140,  
192, 153) }
```

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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