

Converting Colors

$Y_{xy}(45.4640, 0.2873, 0.3578)$

Have a look what the booklet for
Yxy(45.4640, 0.2873, 0.3578)
contains.

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Color

Yxy(45.2182, 0.2874, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	8BBEAA
RGB	139, 190, 170
RGB Percent	55%, 75%, 67%
CMY	0.4547, 0.2549, 0.3334
CMYK	0.27, 0.00, 0.11, 0.25
HSL	156°, 28%, 65%
HSV	156°, 27%, 75%
XYZ	36.3212, 45.2182, 44.8391
YIQ	172.4710, -23.9760, -17.0320

Conversions

Conversions Part 2

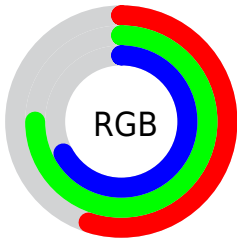
Format	Color
RYB	139, 171, 190
Decimal	9158314
CIELab	73.04, -20.94, 4.71
CIElCh	73, 21.461, 167.317
Yxy	45.2182, 0.2874, 0.3578
Android (android.graphics.Color)	4287348394 (0xFF8BBEAA)
YUV	172.4710, -1.2182, -29.3541
Hunter-Lab	67.2445, -21.2636, 7.5362

Details

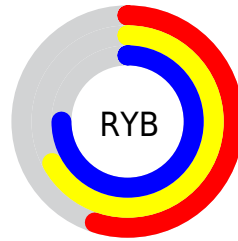
The Yxy color **45.2182, 0.2874, 0.3578** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.9296, 0.3475, 0.3020**, and the grayscale version is **41.5263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8171, 0.2925, 0.3521**, and **20.9426, 0.2794, 0.3656** is the 20% darker color. If you saturate the color by 10%, you get **43.4492, 0.2791, 0.3705**, and if you desaturate by 10%, it is **47.2912, 0.2965, 0.3462**.

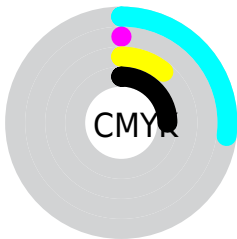
Distribution



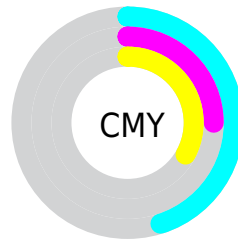
- Red (55%)
- Green (75%)
- Blue (67%)



- Red (55%)
- Yellow (67%)
- Blue (75%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (45%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2182, 0.2874, 0.3578 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 45.2182, 0.2874, 0.3578 by changing the saturation by 10% instead.


 45.2182, 0.2874,
0.3578

 45.2182, 0.2874,
0.3578


367.6566, 0.3002,
0.3431

 31.6293, 0.2841,
0.3616


 83.0477, 0.2921,
0.3524

 21.0785, 0.2799,
0.3665


 108.0572, 0.2939,
0.3503

 13.1814, 0.2742,
0.3733


 137.6423, 0.2953,
0.3486

 7.5536, 0.2661,
0.3829

172.1875, 0.2966,
0.3472

 3.8107, 0.2538,
0.3978

212.0771, 0.2977,
0.3460

 1.5682, 0.2327,
0.4240

257.6956, 0.2987,

 0.3360, 0.0000,

0.3449

0.9021

309.4272, 0.2995,
0.3439

0.0000, 0.0000,
0.0000

45.2182, 0.2874,
0.3578

45.2182, 0.2874,
0.3578

43.4492, 0.2791,
0.3705

47.2912, 0.2965,
0.3462

41.9636, 0.2719,
0.3841

49.6766, 0.3060,
0.3356

40.7471, 0.2661,
0.3985

52.3891, 0.3159,
0.3261

39.7816, 0.2620,
0.4135

55.4410, 0.3257,
0.3176

39.0468, 0.2598,
0.4287

58.8441, 0.3355,
0.3102

■ 38.5193, 0.2596,
0.4439

■ 62.6093, 0.3451,
0.3036

■ 38.1670, 0.2614,
0.4587

■ 63.3704, 0.3407,
0.2963

■ 38.0724, 0.2621,
0.4634

■ 63.7799, 0.3348,
0.2890

■ 64.2072, 0.3290,
0.2818

Harmonies

Analogous

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



45.2182, 0.3167, 0.3780



45.2182, 0.2874, 0.3578



45.2182, 0.2655, 0.3293

Triad

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



45.2182, 0.2874, 0.3578



45.2182, 0.2786, 0.2790



45.2182, 0.3730, 0.3510

Complementary

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



45.2182, 0.2874, 0.3578



31.9296, 0.3475, 0.3020

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.



45.2182, 0.3619, 0.3258



45.2182, 0.2874, 0.3578



45.2182, 0.3063, 0.2856

Square

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



45.2182, 0.2874, 0.3578



45.2182, 0.2607, 0.2846



45.2182, 0.3371, 0.3024



45.2182, 0.3669, 0.3721

Rectangle

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



45.2182, 0.2874, 0.3578



45.2182, 0.2576, 0.3107



45.2182, 0.3371, 0.3024



45.2182, 0.3712, 0.3427

Sweetspot

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



45.2201, 0.2874, 0.3578



89.4246, 0.3048, 0.3369



46.1052, 0.3259, 0.4012



19.4864, 0.3033, 0.3385



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.



45.2201, 0.2874, 0.3578



80.0544, 0.2826, 0.3649



43.8669, 0.2734, 0.3217



10.7443, 0.3036, 0.3382



25.3329, 0.2615, 0.4615



1.0048, 0.2517, 0.4260

Inverse Universe

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



31.9296, 0.3475, 0.3020



52.0526, 0.3575, 0.2960



32.8008, 0.3678, 0.3362



9.5967, 0.3228, 0.3200



7.6278, 0.5379, 0.2737



0.3117, 0.4740, 0.2385

Previews

White Background



This preview shows how the Yxy color 45.2182, 0.2874, 0.3578 looks on a white background.

Color Contrast Check

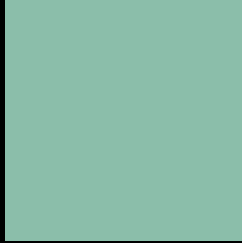
Large Text (above 18pt) WCAG AA × Fail

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 45.2182, 0.2874, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

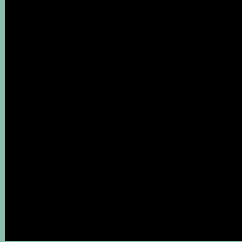
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2182, 0.2874, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 45.2182, 0.2874, 0.3578.



This preview shows how white text looks on a background with the Yxy color 45.2182, 0.2874, 0.3578.

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

45.2182, 0.2874, 0.3578

Protanopia

44.8354, 0.3305, 0.3476

Deuteranopia

44.9489, 0.3345, 0.3278



Tritanopia

45.3077, 0.2712, 0.3098

Trichromacy



Original Color

45.2182, 0.2874, 0.3578

Protanomaly

44.5339, 0.3134, 0.3510

Deuteranomaly

44.6044, 0.3158, 0.3370

Tritanomaly

45.0544, 0.2771, 0.3261

Monochromacy



Original Color

45.2182, 0.2874, 0.3578

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.6541, 0.3028, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2182, 0.2874, 0.3578 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(139, 190, 170)` looks like.

```
.text, #text, p{  
    color:rgb(139, 190, 170)  
}
```

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(139, 190, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 190, 170) }
```

Border

The CSS property to change the border of an element to Yxy 45.2182, 0.2874, 0.3578 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(139, 190, 170) }
```

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

```
.border{ border-color:rgb(139, 190, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 190, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 190, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 190, 170);  
box-shadow:4px 4px 4px 4px rgb(139, 190,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2182, 0.2874, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 190, 170) }
```

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

```
.background{ background-color: rgb(139,  
190, 170) }
```

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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