

Converting Colors

$Y_{xy}(45.6348, 0.2879, 0.3289)$

Have a look what the booklet for
Yxy(45.6348, 0.2879, 0.3289)
contains.

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Color

Yxy(45.6315, 0.2879, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	9BBABA
RGB	155, 186, 186
RGB Percent	61%, 73%, 73%
CMY	0.3921, 0.2706, 0.2705
CMYK	0.17, 0.00, 0.00, 0.27
HSL	180°, 18%, 67%
HSV	180°, 17%, 73%
XYZ	39.9432, 45.6315, 53.1651
YIQ	176.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

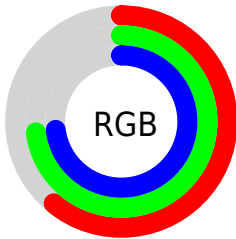
Format	Color
RYB	155, 171, 186
Decimal	10205882
CIELab	73.31, -10.42, -3.51
CIELCh	73, 10.998, 198.634
Yxy	45.6315, 0.2879, 0.3289
Android (android.graphics.Color)	4288395962 (0xFF9BBABA)
YUV	176.7310, 4.5696, -19.0581
Hunter-Lab	67.5511, -12.6668, 0.6225

Details

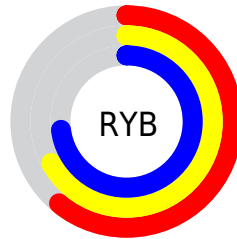
The Yxy color **45.6315, 0.2879, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2635, 0.3440, 0.3291**, and the grayscale version is **43.8038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6167, 0.2925, 0.3289**, and **21.3521, 0.2806, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **43.9277, 0.2743, 0.3288**, and if you desaturate by 10%, it is **47.6226, 0.3025, 0.3290**.

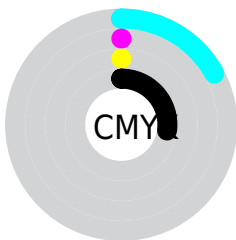
Distribution



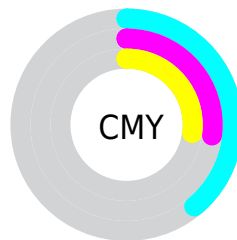
- Red (61%)
- Green (73%)
- Blue (73%)



- Red (61%)
- Yellow (67%)
- Blue (73%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6315, 0.2879, 0.3289 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 45.6315, 0.2879, 0.3289 by changing the saturation by 10% instead.

 45.6315, 0.2879,
0.3289

 45.6315, 0.2879,
0.3289

369.3252, 0.3003,
0.3291

 31.9551, 0.2848,
0.3288


 83.6672, 0.2924,
0.3290

 21.3272, 0.2809,
0.3287


 108.7954, 0.2941,
0.3290

 13.3634, 0.2756,
0.3285


138.5096, 0.2955,
0.3290

 7.6793, 0.2683,
0.3282

173.1942, 0.2967,
0.3290

 3.8904, 0.2574,
0.3276

213.2337, 0.2978,
0.3290

 1.6124, 0.2394,
0.3261

259.0124, 0.2987,

 0.3660, 0.0847,

0.3291

0.3316

310.9148, 0.2996,
0.3291

0.0000, 0.0000,
0.0000

45.6315, 0.2879,
0.3289

45.6315, 0.2879,
0.3289

43.9277, 0.2743,
0.3288

47.6226, 0.3025,
0.3290

42.4926, 0.2620,
0.3288

49.9075, 0.3179,
0.3290

41.3141, 0.2513,
0.3287

52.4994, 0.3337,
0.3291

40.3771, 0.2424,
0.3287

55.4091, 0.3498,
0.3291

39.6648, 0.2353,
0.3287

58.6469, 0.3657,
0.3292

■ 39.1583, 0.2301,
0.3286

■ 59.9499, 0.3717,
0.3292

■ 38.8356, 0.2268,
0.3286

■ 59.9544, 0.3717,
0.3292

■ 38.6669, 0.2250,
0.3286

■ 59.9590, 0.3717,
0.3292

■ 38.6253, 0.2246,
0.3286

■ 59.9635, 0.3716,
0.3293

Harmonies

Analogous

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



45.6315, 0.2993, 0.3429



45.6315, 0.2879, 0.3289



45.6315, 0.2831, 0.3153

Triad

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



45.6315, 0.2879, 0.3289



45.6315, 0.3104, 0.3064



45.6315, 0.3401, 0.3518

Complementary

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



45.6315, 0.2879, 0.3289



36.2635, 0.3440, 0.3291

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.



45.6315, 0.3433, 0.3415



45.6315, 0.2879, 0.3289



45.6315, 0.3259, 0.3157

Square

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



45.6315, 0.2879, 0.3289



45.6315, 0.2958, 0.3029



45.6315, 0.3381, 0.3283



45.6315, 0.3294, 0.3562

Rectangle

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



45.6315, 0.2879, 0.3289



45.6315, 0.2841, 0.3085



45.6315, 0.3381, 0.3283



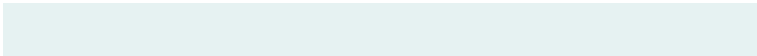
45.6315, 0.3421, 0.3489

Sweetspot

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



45.6334, 0.2879, 0.3289



86.9206, 0.3049, 0.3290



44.4623, 0.3106, 0.3733



19.0802, 0.3039, 0.3290



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.



45.6334, 0.2879, 0.3289



81.5053, 0.2828, 0.3289



39.4604, 0.2869, 0.3072



10.2097, 0.2985, 0.3289



25.9814, 0.2246, 0.3286



0.9162, 0.2246, 0.3286

Inverse Universe

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



37.4355, 0.3146, 0.2884



63.8403, 0.3151, 0.2793



41.7523, 0.3406, 0.3499



9.1627, 0.3138, 0.3065



9.4052, 0.3211, 0.1542



0.3316, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 45.6315, 0.2879, 0.3289 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 45.6315, 0.2879, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

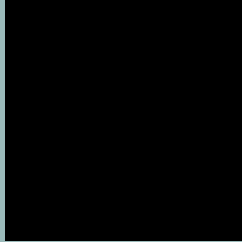
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6315, 0.2879, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 45.6315, 0.2879, 0.3289.

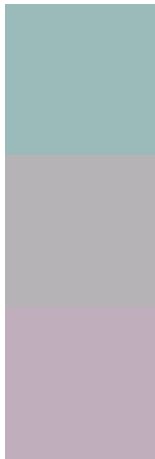


This preview shows how white text looks on a background with the Yxy color 45.6315, 0.2879, 0.3289.

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

45.6315, 0.2879, 0.3289

Protanopia

45.5627, 0.3129, 0.3251

Deuteranopia

45.2404, 0.3180, 0.3113



Tritanopia

45.5726, 0.2802, 0.3088

Trichromacy



Original Color

45.6315, 0.2879, 0.3289

Protanomaly

45.6455, 0.3035, 0.3276

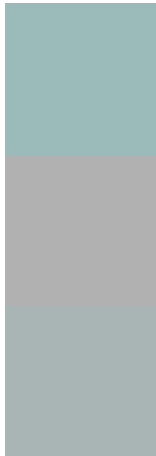
Deuteranomaly

45.0124, 0.3064, 0.3172

Tritanomaly

45.6609, 0.2830, 0.3167

Monochromacy



Original Color

45.6315, 0.2879, 0.3289

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.3728, 0.3034, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6315, 0.2879, 0.3289 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, 186, 186)` looks like.

```
.text, #text, p{  
    color:rgb(155, 186, 186)  
}
```

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, 186, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 186, 186) }
```

Border

The CSS property to change the border of an element to Yxy 45.6315, 0.2879, 0.3289 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, 186, 186) }
```

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

```
.border{ border-color:rgb(155, 186, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 186, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 186, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 186, 186);  
box-shadow:4px 4px 4px 4px rgb(155, 186,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6315, 0.2879, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 186, 186) }
```

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

```
.background{ background-color: rgb(155,  
186, 186) }
```

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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