

Converting Colors

$Y_{xy}(45.3251, 0.2885, 0.3527)$

Have a look what the booklet for
Yxy(45.3251, 0.2885, 0.3527)
contains.

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Color

Yxy(45.2520, 0.2882, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	8FBDAD
RGB	143, 189, 173
RGB Percent	56%, 74%, 68%
CMY	0.4391, 0.2588, 0.3216
CMYK	0.24, 0.00, 0.08, 0.26
HSL	159°, 26%, 65%
HSV	159°, 24%, 74%
XYZ	37.0711, 45.2520, 46.3068
YIQ	173.4220, -22.2800, -14.7280

Conversions

Conversions Part 2

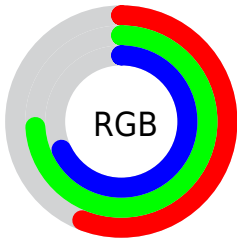
Format	Color
RYB	143, 171, 189
Decimal	9420205
CIELab	73.06, -18.55, 3.14
CIELCh	73, 18.817, 170.382
Yxy	45.2520, 0.2882, 0.3518
Android (android.graphics.Color)	4287610285 (0xFF8FBDDAD)
YUV	173.4220, -0.2080, -26.6801
Hunter-Lab	67.2696, -19.3535, 6.2749

Details

The Yxy color **45.2520, 0.2882, 0.3518** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.9793, 0.3456, 0.3074**, and the grayscale version is **42.0292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9120, 0.2932, 0.3475**, and **21.2129, 0.2804, 0.3590** is the 20% darker color. If you saturate the color by 10%, you get **43.4576, 0.2792, 0.3628**, and if you desaturate by 10%, it is **47.3469, 0.2980, 0.3418**.

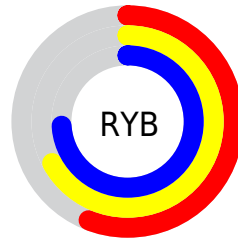
Distribution



Red (56%)

Green (74%)

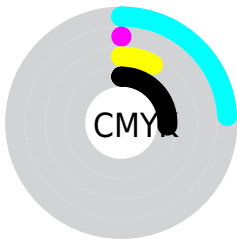
Blue (68%)



Red (56%)

Yellow (67%)

Blue (74%)

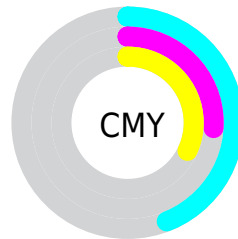


Cyan (24%)

Magenta (0%)

Yellow (8%)

Black (26%)



Cyan (44%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2520, 0.2882, 0.3518 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 45.2520, 0.2882, 0.3518 by changing the saturation by 10% instead.


 45.2520, 0.2882,
0.3518


 45.2520, 0.2882,
0.3518


367.7932, 0.3006,
0.3402

 31.6560, 0.2851,
0.3548


 83.0984, 0.2927,
0.3475

 21.0989, 0.2810,
0.3586


 108.1176, 0.2944,
0.3459

 13.1963, 0.2756,
0.3638


137.7133, 0.2959,
0.3446

 7.5638, 0.2679,
0.3713

172.2699, 0.2971,
0.3435

 3.8172, 0.2563,
0.3827

212.1718, 0.2981,
0.3425

 1.5718, 0.2365,
0.4026

257.8034, 0.2991,

 0.3385, 0.0000,

0.3416

0.6947

309.5491, 0.2999,
0.3409

0.0000, 0.0000,
0.0000

45.2520, 0.2882,
0.3518

45.2520, 0.2882,
0.3518

43.4576, 0.2792,
0.3628

47.3469, 0.2980,
0.3418

41.9436, 0.2713,
0.3745

49.7502, 0.3082,
0.3326

40.6964, 0.2647,
0.3870

52.4761, 0.3187,
0.3245

39.6987, 0.2598,
0.4000

55.5367, 0.3292,
0.3172

38.9312, 0.2567,
0.4134

58.9432, 0.3397,
0.3107

■ 38.3716, 0.2557,
0.4267

■ 62.4330, 0.3487,
0.3050

■ 37.9932, 0.2566,
0.4400

■ 62.7733, 0.3433,
0.2984

■ 37.8282, 0.2576,
0.4474

■ 63.1272, 0.3381,
0.2919

■ 63.4950, 0.3329,
0.2855

Harmonies

Analogous

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



45.2520, 0.3137, 0.3704



45.2520, 0.2882, 0.3518



45.2520, 0.2698, 0.3268

Triad

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



45.2520, 0.2882, 0.3518



45.2520, 0.2850, 0.2850



45.2520, 0.3656, 0.3507

Complementary

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



45.2520, 0.2882, 0.3518



32.9793, 0.3456, 0.3074

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.



45.2520, 0.3574, 0.3286



45.2520, 0.2882, 0.3518



45.2520, 0.3100, 0.2918

Square

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



45.2520, 0.2882, 0.3518



45.2520, 0.2680, 0.2890



45.2520, 0.3367, 0.3075



45.2520, 0.3589, 0.3685

Rectangle

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



45.2520, 0.2882, 0.3518



45.2520, 0.2636, 0.3108



45.2520, 0.3367, 0.3075



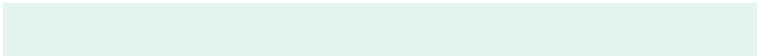
45.2520, 0.3645, 0.3436

Sweetspot

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



45.2539, 0.2882, 0.3518



87.8448, 0.3053, 0.3351



45.7623, 0.3228, 0.3942



18.8339, 0.3047, 0.3356



95.5105, 0.3127, 0.3290



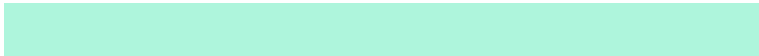
19.5994, 0.3127, 0.3290

Same Dimension

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



45.2539, 0.2882, 0.3518



79.3312, 0.2835, 0.3573



43.0154, 0.2765, 0.3192



10.7515, 0.3030, 0.3371



25.4674, 0.2572, 0.4457



1.0095, 0.2484, 0.4143

Inverse Universe

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



32.9793, 0.3456, 0.3074



53.6769, 0.3548, 0.3025



34.5933, 0.3606, 0.3386



9.5898, 0.3235, 0.3210



7.5559, 0.5554, 0.2833



0.3085, 0.4878, 0.2461

Previews

White Background



This preview shows how the Yxy color 45.2520, 0.2882, 0.3518 looks on a white background.

Color Contrast Check

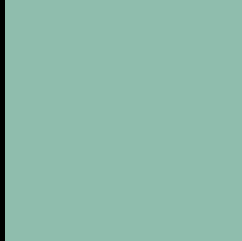
Large Text (above 18pt) WCAG AA × Fail

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 45.2520, 0.2882, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

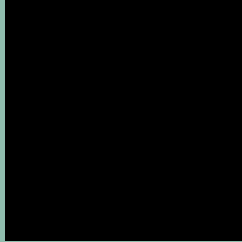
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

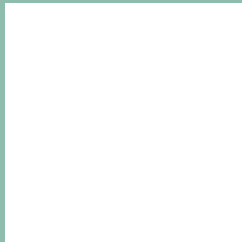
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2520, 0.2882, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 45.2520, 0.2882, 0.3518.

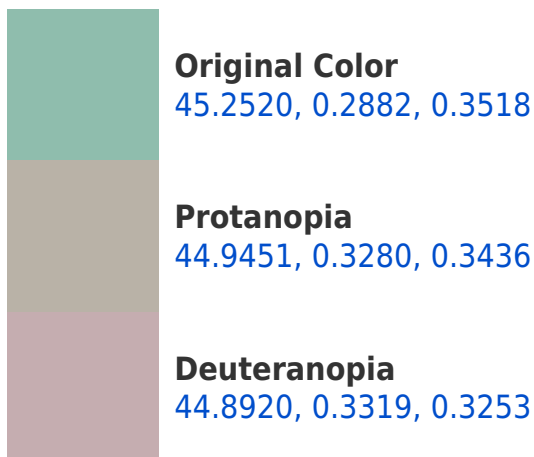


This preview shows how white text looks on a background with the Yxy color 45.2520, 0.2882, 0.3518.

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





Tritanopia

45.1640, 0.2731, 0.3085

Trichromacy



Original Color

45.2520, 0.2882, 0.3518

Protanomaly

44.8665, 0.3127, 0.3467

Deuteranomaly

44.6825, 0.3142, 0.3343

Tritanomaly

44.9465, 0.2785, 0.3233

Monochromacy



Original Color

45.2520, 0.2882, 0.3518

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.9387, 0.3029, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2520, 0.2882, 0.3518 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(143, 189, 173)` looks like.

```
.text, #text, p{  
    color:rgb(143, 189, 173)  
}
```

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(143, 189, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 189, 173) }
```

Border

The CSS property to change the border of an element to Yxy 45.2520, 0.2882, 0.3518 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(143, 189, 173) }
```

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

```
.border{ border-color:rgb(143, 189, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 189, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 189, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 189, 173);  
box-shadow:4px 4px 4px 4px rgb(143, 189,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2520, 0.2882, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 189, 173) }
```

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

```
.background{ background-color: rgb(143,  
189, 173) }
```

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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