

Converting Colors

$Y_{xy}(45.6720, 0.2882, 0.3565)$

Have a look what the booklet for
Yxy(45.6720, 0.2882, 0.3565)
contains.

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Color

Yxy(45.4299, 0.2881, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	8DBEAB
RGB	141, 190, 171
RGB Percent	55%, 75%, 67%
CMY	0.4472, 0.2549, 0.3294
CMYK	0.26, 0.00, 0.10, 0.25
HSL	157°, 27%, 65%
HSV	157°, 26%, 75%
XYZ	36.7444, 45.4299, 45.3661
YIQ	173.1830, -23.1050, -16.2970

Conversions

Conversions Part 2

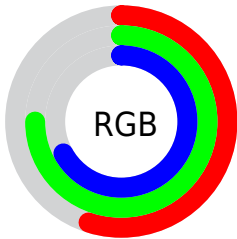
Format	Color
RYB	141, 171, 190
Decimal	9289387
CIELab	73.17, -20.13, 4.37
CIELCh	73, 20.600, 167.752
Yxy	45.4299, 0.2881, 0.3562
Android (android.graphics.Color)	4287479467 (0xFF8DBEAB)
YUV	173.1830, -1.0762, -28.2245
Hunter-Lab	67.4017, -20.6428, 7.2748

Details

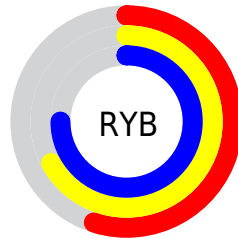
The Yxy color **45.4299, 0.2881, 0.3562** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.5235, 0.3461, 0.3034**, and the grayscale version is **41.8992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1383, 0.2931, 0.3509**, and **21.0641, 0.2803, 0.3633** is the 20% darker color. If you saturate the color by 10%, you get **43.6342, 0.2797, 0.3686**, and if you desaturate by 10%, it is **47.5307, 0.2973, 0.3448**.

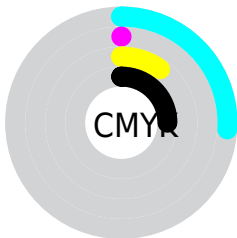
Distribution



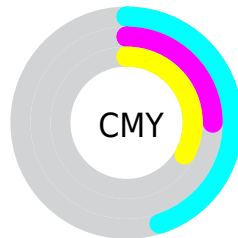
- Red (55%)
- Green (75%)
- Blue (67%)



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



- Cyan (26%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4299, 0.2881, 0.3562 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 45.4299, 0.2881, 0.3562 by changing the saturation by 10% instead.


 45.4299, 0.2881,
0.3562

 45.4299, 0.2881,
0.3562


368.5119, 0.3006,
0.3423


 31.7962, 0.2849,
0.3598


 83.3651, 0.2927,
0.3511

 21.2059, 0.2808,
0.3644


 108.4355, 0.2944,
0.3492

 13.2746, 0.2753,
0.3707


 138.0868, 0.2958,
0.3476

 7.6179, 0.2675,
0.3797

172.7034, 0.2970,
0.3462

 3.8514, 0.2557,
0.3937

212.6699, 0.2981,
0.3450

 1.5908, 0.2354,
0.4180

258.3705, 0.2990,

 0.3514, 0.0000,

0.3440

0.8201

310.1897, 0.2998,
0.3431

0.0000, 0.0000,
0.0000

45.4299, 0.2881,
0.3562

45.4299, 0.2881,
0.3562

43.6342, 0.2797,
0.3686

47.5307, 0.2973,
0.3448

42.1231, 0.2723,
0.3819

49.9448, 0.3070,
0.3345

40.8824, 0.2663,
0.3961

52.6870, 0.3169,
0.3253

39.8943, 0.2620,
0.4108

55.7694, 0.3268,
0.3170

39.1388, 0.2595,
0.4258

59.2036, 0.3367,
0.3097

■ 38.5927, 0.2591,
0.4407

■ 63.0006, 0.3463,
0.3033

■ 38.2269, 0.2606,
0.4554

■ 63.3941, 0.3404,
0.2960

■ 38.1024, 0.2615,
0.4615

■ 63.7986, 0.3346,
0.2888

■ 64.2206, 0.3289,
0.2817

Harmonies

Analogous

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



45.4299, 0.3162, 0.3756



45.4299, 0.2881, 0.3562



45.4299, 0.2672, 0.3289

Triad

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



45.4299, 0.2881, 0.3562



45.4299, 0.2804, 0.2810



45.4299, 0.3705, 0.3505

Complementary

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



45.4299, 0.2881, 0.3562



32.5235, 0.3461, 0.3034

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.



45.4299, 0.3601, 0.3263



45.4299, 0.2881, 0.3562



45.4299, 0.3071, 0.2875

Square

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



45.4299, 0.2881, 0.3562



45.4299, 0.2629, 0.2863



45.4299, 0.3365, 0.3038



45.4299, 0.3644, 0.3707

Rectangle

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



45.4299, 0.2881, 0.3562



45.4299, 0.2597, 0.3111



45.4299, 0.3365, 0.3038



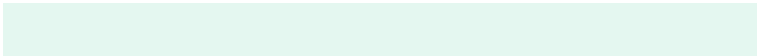
45.4299, 0.3688, 0.3426

Sweetspot

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



45.4318, 0.2881, 0.3562



89.4308, 0.3047, 0.3368



46.2872, 0.3255, 0.3982



19.4880, 0.3032, 0.3383



97.7402, 0.3127, 0.3290



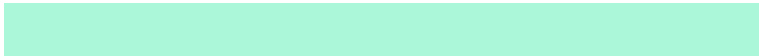
20.4902, 0.3127, 0.3290

Same Dimension

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



45.4318, 0.2881, 0.3562



80.4006, 0.2832, 0.3631



44.1198, 0.2747, 0.3220



10.7452, 0.3035, 0.3380



25.3484, 0.2610, 0.4596



1.0054, 0.2513, 0.4246

Inverse Universe

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



32.5235, 0.3461, 0.3034



53.0272, 0.3560, 0.2975



33.3870, 0.3652, 0.3359



9.5959, 0.3229, 0.3201



7.6187, 0.5401, 0.2749



0.3113, 0.4756, 0.2394

Previews

White Background



This preview shows how the Yxy color 45.4299, 0.2881, 0.3562 looks on a white background.

Color Contrast Check

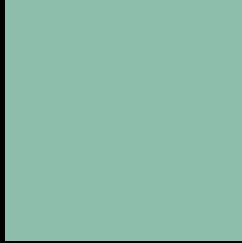
Large Text (above 18pt) WCAG AA × Fail

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 45.4299, 0.2881, 0.3562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

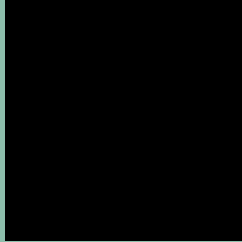
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4299, 0.2881, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 45.4299, 0.2881, 0.3562.



This preview shows how white text looks on a background with the Yxy color 45.4299, 0.2881, 0.3562.

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

45.4299, 0.2881, 0.3562

Protanopia

44.9965, 0.3305, 0.3462

Deuteranopia

44.9881, 0.3337, 0.3265



Tritanopia

45.5379, 0.2719, 0.3085

Trichromacy



Original Color

45.4299, 0.2881, 0.3562

Protanomaly

44.7920, 0.3143, 0.3495

Deuteranomaly

44.6433, 0.3150, 0.3357

Tritanomaly

45.2781, 0.2779, 0.3247

Monochromacy



Original Color

45.4299, 0.2881, 0.3562

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.7958, 0.3029, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4299, 0.2881, 0.3562 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(141, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(141, 190, 171)  
}
```

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(141, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 190, 171) }
```

Border

The CSS property to change the border of an element to Yxy 45.4299, 0.2881, 0.3562 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(141, 190, 171) }
```

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

```
.border{ border-color:rgb(141, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(141, 190,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4299, 0.2881, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 190, 171) }
```

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

```
.background{ background-color: rgb(141,  
190, 171) }
```

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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