

Converting Colors

$Yxy(47.4443, 0.2891, 0.3393)$

Have a look what the booklet for
Yxy(47.4443, 0.2891, 0.3393)
contains.

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Color

Yxy(47.5505, 0.2895, 0.3399)

Conversions

Conversions Part 1

Format	Color
Hex	9ABFB7
RGB	154, 191, 183
RGB Percent	60%, 75%, 72%
CMY	0.3962, 0.2509, 0.2823
CMYK	0.19, 0.00, 0.04, 0.25
HSL	167°, 22%, 68%
HSV	167°, 19%, 75%
XYZ	40.4998, 47.5505, 51.8453
YIQ	179.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

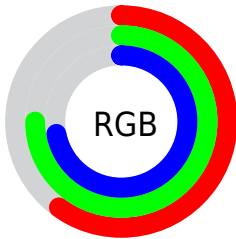
Format	Color
RYB	154, 175, 191
Decimal	10141623
CIELab	74.54, -14.01, -0.07
CIELCh	75, 14.013, 180.291
Yxy	47.5505, 0.2895, 0.3399
Android (android.graphics.Color)	4288331703 (0xFF9ABFB7)
YUV	179.0250, 1.9597, -21.9469
Hunter-Lab	68.9569, -15.8379, 3.6926

Details

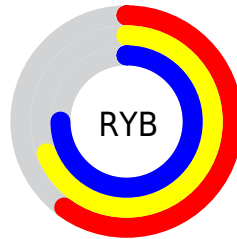
The Yxy color **47.5505, 0.2895, 0.3399** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.7857, 0.3424, 0.3184**, and the grayscale version is **45.0883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3088, 0.2937, 0.3374**, and **22.6134, 0.2830, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **45.6560, 0.2786, 0.3463**, and if you desaturate by 10%, it is **49.7521, 0.3012, 0.3340**.

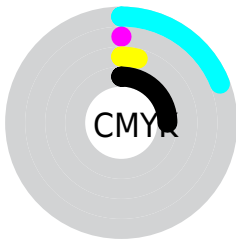
Distribution



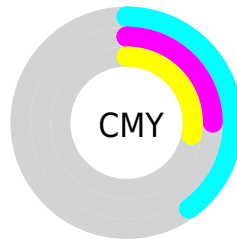
- Red (60%)
- Green (75%)
- Blue (72%)



- Red (60%)
- Yellow (69%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)





- Cyan (40%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5505, 0.2895, 0.3399 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 47.5505, 0.2895, 0.3399 by changing the saturation by 10% instead.


 47.5505, 0.2895,
0.3399


 47.5505, 0.2895,
0.3399


377.0076, 0.3011,
0.3345

 33.4711, 0.2866,
0.3412


 86.5348, 0.2937,
0.3379

 22.4875, 0.2830,
0.3430


 112.2084, 0.2953,
0.3372

 14.2156, 0.2781,
0.3452


142.5155, 0.2966,
0.3366

 8.2708, 0.2713,
0.3484

177.8405, 0.2977,
0.3360

 4.2687, 0.2612,
0.3531

218.5679, 0.2987,
0.3356

 1.8250, 0.2447,
0.3608

265.0819, 0.2996,

 0.5027, 0.1140,

0.3352

0.4222

317.7670, 0.3004,
0.3348

0.0000, 0.0000,
0.0000

47.5505, 0.2895,
0.3399

47.5505, 0.2895,
0.3399

45.6560, 0.2786,
0.3463

49.7521, 0.3012,
0.3340

44.0488, 0.2687,
0.3532

52.2683, 0.3135,
0.3287

42.7153, 0.2602,
0.3604

55.1132, 0.3260,
0.3239

41.6391, 0.2534,
0.3680

58.2987, 0.3386,
0.3196

40.8016, 0.2483,
0.3758

61.8360, 0.3510,
0.3158

■ 40.1817, 0.2452,
0.3837

■ 63.0696, 0.3522,
0.3118

■ 39.7547, 0.2440,
0.3916

■ 63.2752, 0.3488,
0.3076

■ 39.4754, 0.2444,
0.3995

■ 63.4861, 0.3455,
0.3035

■ 39.4599, 0.2444,
0.4000

■ 63.7024, 0.3422,
0.2994

Harmonies

Analogous

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



47.5505, 0.3071, 0.3553



47.5505, 0.2895, 0.3399



47.5505, 0.2782, 0.3217

Triad

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



47.5505, 0.2895, 0.3399



47.5505, 0.2981, 0.2972



47.5505, 0.3509, 0.3502

Complementary

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



47.5505, 0.2895, 0.3399



36.7857, 0.3424, 0.3184

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.



47.5505, 0.3485, 0.3345



47.5505, 0.2895, 0.3399



47.5505, 0.3175, 0.3046

Square

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



47.5505, 0.2895, 0.3399



47.5505, 0.2830, 0.2976



47.5505, 0.3361, 0.3181



47.5505, 0.3428, 0.3609

Rectangle

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



47.5505, 0.2895, 0.3399



47.5505, 0.2756, 0.3109



47.5505, 0.3361, 0.3181



47.5505, 0.3513, 0.3453

Sweetspot

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



47.5525, 0.2895, 0.3399



90.5172, 0.3052, 0.3322



47.2792, 0.3168, 0.3805



19.8131, 0.3044, 0.3326



97.7402, 0.3127, 0.3290



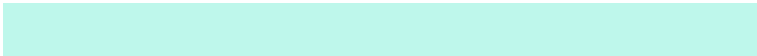
20.4902, 0.3127, 0.3290

Same Dimension

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



47.5525, 0.2895, 0.3399



83.7435, 0.2851, 0.3424



43.4798, 0.2832, 0.3145



10.7733, 0.3013, 0.3340



25.9413, 0.2441, 0.3989



1.0251, 0.2389, 0.3801

Inverse Universe

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



36.7857, 0.3424, 0.3184



61.1643, 0.3501, 0.3161



40.1266, 0.3478, 0.3431



9.5692, 0.3255, 0.3241



7.3957, 0.6004, 0.3081



0.2996, 0.5330, 0.2710

Previews

White Background



This preview shows how the Yxy color 47.5505, 0.2895, 0.3399 looks on a white background.

Color Contrast Check

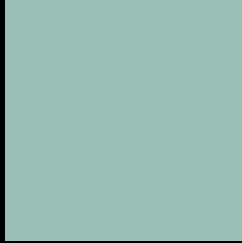
Large Text (above 18pt) WCAG AA × Fail

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 47.5505, 0.2895, 0.3399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

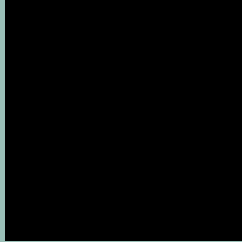
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

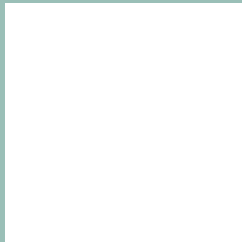
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.5505, 0.2895, 0.3399

Background



This preview shows how black text looks on a background with the Yxy color 47.5505, 0.2895, 0.3399.



This preview shows how white text looks on a background with the Yxy color 47.5505, 0.2895, 0.3399.

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

47.5505, 0.2895, 0.3399

Protanopia

47.2350, 0.3202, 0.3342

Deuteranopia

47.1316, 0.3246, 0.3178



Tritanopia

47.5473, 0.2786, 0.3091

Trichromacy



Original Color

47.5505, 0.2895, 0.3399

Protanomaly

47.1072, 0.3082, 0.3356

Deuteranomaly

47.0260, 0.3112, 0.3251

Tritanomaly

47.5488, 0.2827, 0.3195

Monochromacy



Original Color

47.5505, 0.2895, 0.3399

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.7083, 0.3042, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5505, 0.2895, 0.3399 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(154, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(154, 191, 183)  
}
```

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(154, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 191, 183) }
```

Border

The CSS property to change the border of an element to Yxy 47.5505, 0.2895, 0.3399 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(154, 191, 183) }
```

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

```
.border{ border-color:rgb(154, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 191, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 191, 183);  
box-shadow:4px 4px 4px 4px rgb(154, 191,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5505, 0.2895, 0.3399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 191, 183) }
```

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

```
.background{ background-color: rgb(154,  
191, 183) }
```

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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