

Converting Colors

$Yxy(43.7186, 0.2845, 0.3363)$

Have a look what the booklet for
Yxy(43.7186, 0.2845, 0.3363)
contains.

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Color

Yxy(43.4649, 0.2844, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	90B8B3
RGB	144, 184, 179
RGB Percent	56%, 72%, 70%
CMY	0.4350, 0.2785, 0.2980
CMYK	0.22, 0.00, 0.03, 0.28
HSL	173°, 22%, 64%
HSV	173°, 22%, 72%
XYZ	36.7899, 43.4649, 49.1050
YIQ	171.4700, -22.2350, -10.0350

Conversions

Conversions Part 2

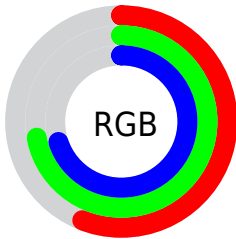
Format	Color
R_{YB}	144, 165, 184
Decimal	9484467
CIE _{Lab}	71.87, -14.36, -1.88
CIE _{LCh}	72, 14.479, 187.441
Yxy	43.4649, 0.2844, 0.3360
Android (android.graphics.Color)	4287674547 (0xFF90B8B3)
YUV	171.4700, 3.7123, -24.0912
Hunter-Lab	65.9279, -15.7650, 1.9887

Details

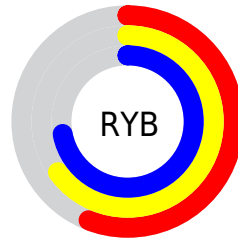
The Yxy color **43.4649, 0.2844, 0.3360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **32.3310, 0.3506, 0.3222**, and the grayscale version is **40.9712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3241, 0.2891, 0.3344**, and **20.0661, 0.2769, 0.3389** is the 20% darker color. If you saturate the color by 10%, you get **41.8496, 0.2727, 0.3397**, and if you desaturate by 10%, it is **45.3553, 0.2971, 0.3326**.

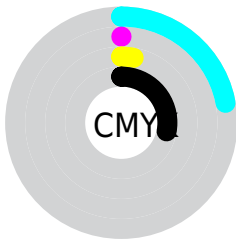
Distribution



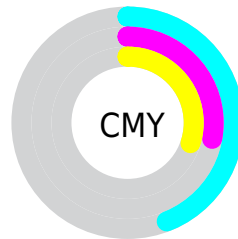
- Red (56%)
- Green (72%)
- Blue (70%)



- Red (56%)
- Yellow (65%)
- Blue (72%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (28%)



- Cyan (44%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4649, 0.2844, 0.3360 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 43.4649, 0.2844, 0.3360 by changing the saturation by 10% instead.


 43.4649, 0.2844,
0.3360


 43.4649, 0.2844,
0.3360


360.5202, 0.2987,
0.3326

 30.2501, 0.2808,
0.3368


 80.4119, 0.2896,
0.3348

 20.0285, 0.2762,
0.3379


 104.9129, 0.2916,
0.3343

 12.4157, 0.2700,
0.3393


133.9447, 0.2932,
0.3339

 7.0275, 0.2613,
0.3413

167.8918, 0.2946,
0.3336

 3.4793, 0.2481,
0.3441

207.1385, 0.2958,
0.3333

 1.3868, 0.2260,
0.3484

252.0692, 0.2969,

 0.2070, 0.0000,

0.3330

0.3673

303.0683, 0.2978,
0.3328

0.0000, 0.0000,
0.0000

43.4649, 0.2844,
0.3360

43.4649, 0.2844,
0.3360

41.8496, 0.2727,
0.3397

45.3553, 0.2971,
0.3326

40.4911, 0.2623,
0.3436

47.5277, 0.3104,
0.3295

39.3769, 0.2534,
0.3476

49.9953, 0.3242,
0.3267

38.4916, 0.2463,
0.3519

52.7689, 0.3382,
0.3242

37.8178, 0.2410,
0.3562

55.8588, 0.3521,
0.3219

■ 37.3359, 0.2375,
0.3605

■ 59.2747, 0.3659,
0.3200

■ 37.0222, 0.2360,
0.3648

■ 59.4777, 0.3644,
0.3176

■ 36.8504, 0.2357,
0.3683

■ 59.5823, 0.3624,
0.3152

■ 59.6884, 0.3604,
0.3129

Harmonies

Analogous

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



43.4649, 0.3019, 0.3538



43.4649, 0.2844, 0.3360



43.4649, 0.2745, 0.3168

Triad

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



43.4649, 0.2844, 0.3360



43.4649, 0.3018, 0.2964



43.4649, 0.3523, 0.3548

Complementary

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



43.4649, 0.2844, 0.3360



32.3310, 0.3506, 0.3222

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.



43.4649, 0.3525, 0.3390



43.4649, 0.2844, 0.3360



43.4649, 0.3228, 0.3060

Square

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



43.4649, 0.2844, 0.3360



43.4649, 0.2843, 0.2947



43.4649, 0.3415, 0.3214



43.4649, 0.3412, 0.3644

Rectangle

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



43.4649, 0.2844, 0.3360



43.4649, 0.2734, 0.3061



43.4649, 0.3415, 0.3214



43.4649, 0.3537, 0.3501

Sweetspot

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



43.4667, 0.2844, 0.3360



83.9692, 0.3031, 0.3311



42.7183, 0.3144, 0.3876



18.0524, 0.3023, 0.3313



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.4667, 0.2844, 0.3360



77.3578, 0.2787, 0.3377



37.9043, 0.2795, 0.3078



10.1909, 0.3001, 0.3318



25.4086, 0.2355, 0.3678



0.9012, 0.2324, 0.3567

Inverse Universe

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



32.3310, 0.3506, 0.3222



53.5754, 0.3614, 0.3206



36.9020, 0.3517, 0.3493



9.0299, 0.3269, 0.3262



7.0714, 0.6222, 0.3201



0.2552, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 43.4649, 0.2844, 0.3360 looks on a white background.

Color Contrast Check

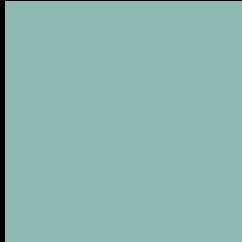
Large Text (above 18pt) WCAG AA × Fail

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 43.4649, 0.2844, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

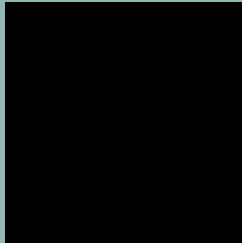
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

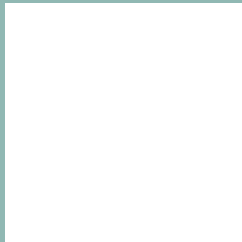
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4649, 0.2844, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 43.4649, 0.2844, 0.3360.

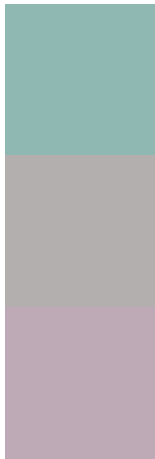


This preview shows how white text looks on a background with the Yxy color 43.4649, 0.2844, 0.3360.

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

43.4649, 0.2844, 0.3360

Protanopia

43.2996, 0.3171, 0.3304

Deuteranopia

43.0740, 0.3207, 0.3135



Tritanopia

43.2363, 0.2746, 0.3082

Trichromacy



Original Color

43.4649, 0.2844, 0.3360

Protanomaly

43.0824, 0.3040, 0.3317

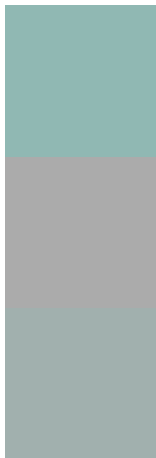
Deuteranomaly

42.8804, 0.3061, 0.3209

Tritanomaly

43.2846, 0.2780, 0.3177

Monochromacy



Original Color

43.4649, 0.2844, 0.3360

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.6837, 0.3014, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4649, 0.2844, 0.3360 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(144, 184, 179)` looks like.

```
.text, #text, p{  
    color:rgb(144, 184, 179)  
}
```

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(144, 184, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 184, 179) }
```

Border

The CSS property to change the border of an element to Yxy 43.4649, 0.2844, 0.3360 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(144, 184, 179) }
```

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

```
.border{ border-color:rgb(144, 184, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 184, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 184, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 184, 179);  
box-shadow:4px 4px 4px 4px rgb(144, 184,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4649, 0.2844, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 184, 179) }
```

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

```
.background{ background-color: rgb(144,  
184, 179) }
```

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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