

Converting Colors

$Yxy(43.6590, 0.2723, 0.3382)$

Have a look what the booklet for
Yxy(43.6590, 0.2723, 0.3382)
contains.

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Color

Yxy(43.4660, 0.2720, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	80BBB5
RGB	128, 187, 181
RGB Percent	50%, 73%, 71%
CMY	0.4978, 0.2667, 0.2902
CMYK	0.32, 0.00, 0.03, 0.27
HSL	174°, 30%, 62%
HSV	174°, 32%, 73%
XYZ	35.0200, 43.4660, 50.2640
YIQ	168.6750, -33.2380, -14.3740

Conversions

Conversions Part 2

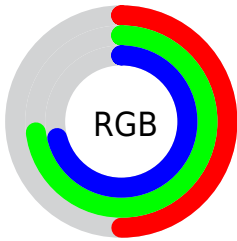
Format	Color
RYB	128, 159, 187
Decimal	8436661
CIELab	71.87, -20.30, -3.07
CIELCh	72, 20.531, 188.603
Yxy	43.4660, 0.2720, 0.3376
Android (android.graphics.Color)	4286626741 (0xFF80BBB5)
YUV	168.6750, 6.0762, -35.6720
Hunter-Lab	65.9287, -20.5598, 0.9475

Details

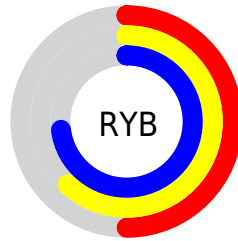
The Yxy color **43.4660, 0.2720, 0.3376** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **27.7405, 0.3761, 0.3208**, and the grayscale version is **39.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2829, 0.2795, 0.3356**, and **20.1452, 0.2608, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **42.0706, 0.2614, 0.3408**, and if you desaturate by 10%, it is **45.1332, 0.2839, 0.3346**.

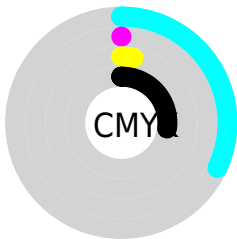
Distribution



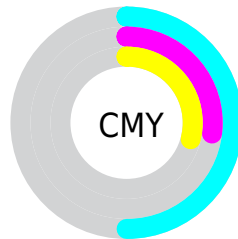
- Red (50%)
- Green (73%)
- Blue (71%)



- Red (50%)
- Yellow (62%)
- Blue (73%)



- Cyan (32%)
- Magenta (0%)
- Yellow (3%)
- Black (27%)




- Cyan (50%)
- Magenta (27%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4660, 0.2720, 0.3376 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 43.4660, 0.2720, 0.3376 by changing the saturation by 10% instead.


 43.4660, 0.2720,
0.3376


 43.4660, 0.2720,
0.3376


360.5247, 0.2924,
0.3335

 30.2509, 0.2669,
0.3386


 80.4136, 0.2794,
0.3361

 20.0291, 0.2603,
0.3398


 104.9149, 0.2822,
0.3356

 12.4162, 0.2515,
0.3414


 133.9471, 0.2846,
0.3351

 7.0278, 0.2393,
0.3435

167.8945, 0.2866,
0.3347

 3.4795, 0.2210,
0.3463

207.1416, 0.2884,
0.3343

 1.3869, 0.1903,
0.3503

252.0727, 0.2899,

 0.2070, 0.0000,

0.3340

0.3199

303.0723, 0.2912,
0.3337

0.0000, 0.0000,
0.0000

43.4660, 0.2720,
0.3376

43.4660, 0.2720,
0.3376

42.0706, 0.2614,
0.3408

45.1332, 0.2839,
0.3346

40.9271, 0.2522,
0.3440

47.0805, 0.2969,
0.3319

40.0210, 0.2449,
0.3475


49.3224, 0.3106,
0.3294


39.3345, 0.2394,
0.3509

51.8707, 0.3247,
0.3271


38.8470, 0.2358,
0.3544

54.7367, 0.3391,
0.3250


 38.5341, 0.2340,
0.3578

 57.9309, 0.3535,
0.3232

 38.3647, 0.2335,
0.3608

 60.7058, 0.3643,
0.3215

 60.7918, 0.3627,
0.3196

 60.8789, 0.3611,
0.3176

Harmonies

Analogous

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



43.4660, 0.2960, 0.3638



43.4660, 0.2720, 0.3376



43.4660, 0.2589, 0.3102

Triad

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



43.4660, 0.2720, 0.3376



43.4660, 0.2981, 0.2839



43.4660, 0.3686, 0.3657

Complementary

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



43.4660, 0.2720, 0.3376



27.7405, 0.3761, 0.3208

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.



43.4660, 0.3697, 0.3434



43.4660, 0.2720, 0.3376



43.4660, 0.3279, 0.2976

Square

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



43.4660, 0.2720, 0.3376



43.4660, 0.2734, 0.2808



43.4660, 0.3545, 0.3189



43.4660, 0.3520, 0.3795

Rectangle

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



43.4660, 0.2720, 0.3376



43.4660, 0.2577, 0.2955



43.4660, 0.3545, 0.3189



43.4660, 0.3708, 0.3589

Sweetspot

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



43.4678, 0.2720, 0.3376



85.2322, 0.3001, 0.3313



42.2430, 0.3139, 0.4190



18.6459, 0.2981, 0.3316



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.



43.4678, 0.2720, 0.3376



76.0334, 0.2643, 0.3398



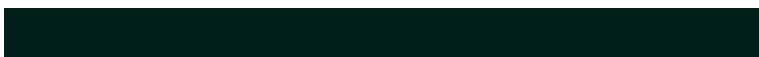
34.8764, 0.2642, 0.2951



10.7924, 0.2998, 0.3313



26.4423, 0.2334, 0.3603



1.0406, 0.2311, 0.3521

Inverse Universe

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



27.7405, 0.3761, 0.3208



43.3185, 0.3972, 0.3189



34.1450, 0.3738, 0.3605



9.5517, 0.3273, 0.3267



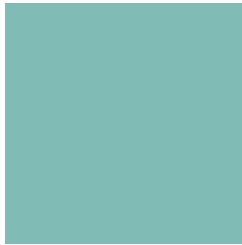
7.3168, 0.6266, 0.3225



0.2919, 0.5832, 0.2986

Previews

White Background



This preview shows how the Yxy color 43.4660, 0.2720, 0.3376 looks on a white background.

Color Contrast Check

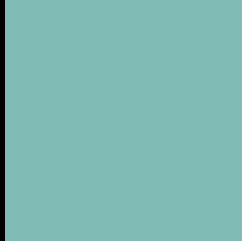
Large Text (above 18pt) WCAG AA × Fail

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 43.4660, 0.2720, 0.3376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

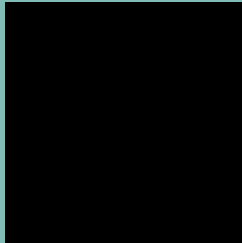
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4660, 0.2720, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 43.4660, 0.2720, 0.3376.

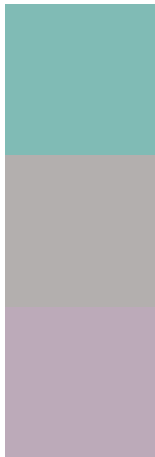


This preview shows how white text looks on a background with the Yxy color 43.4660, 0.2720, 0.3376.

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

43.4660, 0.2720, 0.3376

Protanopia

43.2996, 0.3171, 0.3304

Deuteranopia

42.9436, 0.3163, 0.3096



Tritanopia

43.3100, 0.2627, 0.3078

Trichromacy



Original Color

43.4660, 0.2720, 0.3376

Protanomaly

42.8881, 0.2982, 0.3317

Deuteranomaly

42.6184, 0.2978, 0.3181

Tritanomaly

43.3290, 0.2666, 0.3189

Monochromacy



Original Color

43.4660, 0.2720, 0.3376

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.9378, 0.2962, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4660, 0.2720, 0.3376 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(128, 187, 181)` looks like.

```
.text, #text, p{  
    color:rgb(128, 187, 181)  
}
```

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(128, 187, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 187, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.4660, 0.2720, 0.3376 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(128, 187, 181) }
```

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

```
.border{ border-color:rgb(128, 187, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 187, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 187, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 187, 181);  
box-shadow:4px 4px 4px 4px rgb(128, 187,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4660, 0.2720, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 187, 181) }
```

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

```
.background{ background-color: rgb(128,  
187, 181) }
```

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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