

Converting Colors

$Y_{xy}(43.3920, 0.2871, 0.3383)$

Have a look what the booklet for
Yxy(43.3920, 0.2871, 0.3383)
contains.

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Color

Yxy(43.5663, 0.2873, 0.3389)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 92B8B1 |
| RGB | 146, 184, 177 |
| RGB Percent | 57%, 72%, 69% |
| CMY | 0.4273, 0.2784, 0.3059 |
| CMYK | 0.21, 0.00, 0.04, 0.28 |
| HSL | 169°, 21%, 65% |
| HSV | 169°, 21%, 72% |
| XYZ | 36.9330, 43.5663, 48.0528 |
| YIQ | 171.8400, -20.4010, -10.2330 |

Conversions

Conversions Part 2

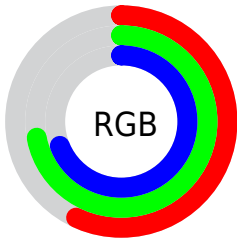
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 146, 167, 184 |
| Decimal | 9615537 |
| CIE Lab | 71.94, -14.18, -0.65 |
| CIE LCh | 72, 14.195, 182.641 |
| Yxy | 43.5663, 0.2873, 0.3389 |
| Android (android.graphics.Color) | 4287805617 (0xFF92B8B1) |
| YUV | 171.8400, 2.5439, -22.6617 |
| Hunter-Lab | 66.0048, -15.6286, 3.0391 |

Details

The Yxy color **43.5663, 0.2873, 0.3389** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.0575, 0.3459, 0.3194**, and the grayscale version is **41.1674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4827, 0.2914, 0.3366**, and **20.1207, 0.2807, 0.3429** is the 20% darker color. If you saturate the color by 10%, you get **41.8812, 0.2762, 0.3444**, and if you desaturate by 10%, it is **45.5297, 0.2993, 0.3339**.

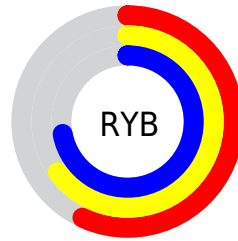
Distribution



Red (57%)

Green (72%)

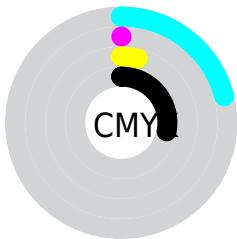
Blue (69%)



Red (57%)

Yellow (65%)

Blue (72%)

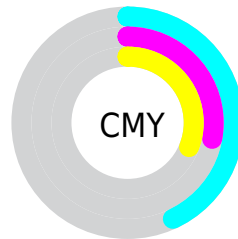


Cyan (21%)

Magenta (0%)

Yellow (4%)

Black (28%)



Cyan (43%)


Magenta (28%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5663, 0.2873, 0.3389 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 43.5663, 0.2873, 0.3389 by changing the saturation by 10% instead.


 43.5663, 0.2873,
0.3389


 43.5663, 0.2873,
0.3389


360.9355, 0.3001,
0.3339

 30.3297, 0.2841,
0.3401


 80.5647, 0.2920,
0.3371

 20.0890, 0.2799,
0.3417


 105.0953, 0.2937,
0.3364

 12.4597, 0.2743,
0.3439


134.1594, 0.2952,
0.3358

 7.0576, 0.2664,
0.3469

168.1414, 0.2965,
0.3354

 3.4981, 0.2544,
0.3514

207.4255, 0.2976,
0.3349

 1.3970, 0.2342,
0.3589

252.3964, 0.2985,

 0.2145, 0.0000,

0.3346

0.4344

303.4382, 0.2994,
0.3342

0.0000, 0.0000,
0.0000

43.5663, 0.2873,
0.3389

43.5663, 0.2873,
0.3389

41.8812, 0.2762,
0.3444

45.5297, 0.2993,
0.3339

40.4562, 0.2662,
0.3502

47.7783, 0.3119,
0.3293

39.2788, 0.2576,
0.3564

50.3251, 0.3248,
0.3251

38.3339, 0.2507,
0.3628

53.1809, 0.3379,
0.3214

37.6042, 0.2456,
0.3693

56.3560, 0.3508,
0.3182

■ 37.0704, 0.2425,
0.3760

■ 59.5885, 0.3624,
0.3152

■ 36.7092, 0.2412,
0.3826

■ 59.7463, 0.3595,
0.3117

■ 36.4841, 0.2413,
0.3887

■ 59.9076, 0.3566,
0.3083

■ 60.0725, 0.3537,
0.3048

Harmonies

Analogous

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



43.5663, 0.3053, 0.3555



43.5663, 0.2873, 0.3389



43.5663, 0.2762, 0.3199

Triad

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



43.5663, 0.2873, 0.3389



43.5663, 0.2989, 0.2962



43.5663, 0.3523, 0.3522

Complementary

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



43.5663, 0.2873, 0.3389



33.0575, 0.3459, 0.3194

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.



43.5663, 0.3506, 0.3361



43.5663, 0.2873, 0.3389



43.5663, 0.3193, 0.3045

Square

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



43.5663, 0.2873, 0.3389



43.5663, 0.2827, 0.2959



43.5663, 0.3384, 0.3189



43.5663, 0.3430, 0.3628

Rectangle

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



43.5663, 0.2873, 0.3389



43.5663, 0.2740, 0.3089



43.5663, 0.3384, 0.3189



43.5663, 0.3530, 0.3472

Sweetspot

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



43.5681, 0.2873, 0.3389



84.3195, 0.3050, 0.3317



43.1897, 0.3165, 0.3841



18.1215, 0.3042, 0.3320



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.



43.5681, 0.2873, 0.3389



77.4572, 0.2818, 0.3415



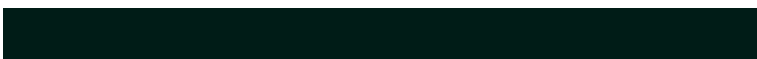
39.3110, 0.2813, 0.3126



10.1814, 0.3009, 0.3332



25.1545, 0.2411, 0.3879



0.8942, 0.2364, 0.3710

Inverse Universe

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



33.0575, 0.3459, 0.3194



54.7788, 0.3559, 0.3170



36.5223, 0.3502, 0.3449



9.0386, 0.3260, 0.3248



7.1104, 0.6087, 0.3127



0.2589, 0.5415, 0.2756

Previews

White Background



This preview shows how the Yxy color 43.5663, 0.2873, 0.3389 looks on a white background.

Color Contrast Check

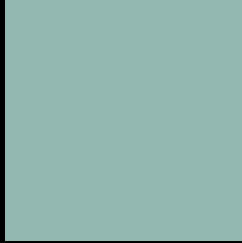
Large Text (above 18pt) WCAG AA × Fail

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 43.5663, 0.2873, 0.3389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

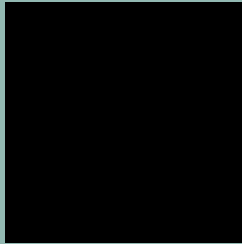
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

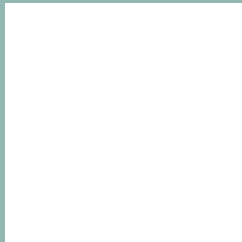
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5663, 0.2873, 0.3389

Background



This preview shows how black text looks on a background with the Yxy color 43.5663, 0.2873, 0.3389.



This preview shows how white text looks on a background with the Yxy color 43.5663, 0.2873, 0.3389.

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

43.5663, 0.2873, 0.3389

Protanopia

43.3418, 0.3196, 0.3330

Deuteranopia

43.1211, 0.3233, 0.3161



Tritanopia

43.5173, 0.2768, 0.3083

Trichromacy



Original Color

43.5663, 0.2873, 0.3389

Protanomaly

43.2216, 0.3073, 0.3345

Deuteranomaly

43.0286, 0.3095, 0.3236

Tritanomaly

43.5196, 0.2809, 0.3192

Monochromacy



Original Color

43.5663, 0.2873, 0.3389

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.8932, 0.3031, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5663, 0.2873, 0.3389 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(146, 184, 177)` looks like.

```
.text, #text, p{  
    color:rgb(146, 184, 177)  
}
```

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(146, 184, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 184, 177) }
```

Border

The CSS property to change the border of an element to Yxy 43.5663, 0.2873, 0.3389 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(146, 184, 177) }
```

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

```
.border{ border-color:rgb(146, 184, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 184, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 184, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 184, 177);  
box-shadow:4px 4px 4px 4px rgb(146, 184,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5663, 0.2873, 0.3389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 184, 177) }
```

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

```
.background{ background-color: rgb(146,  
184, 177) }
```

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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