

Converting Colors

$Yxy(43.4461, 0.2806, 0.3232)$

Have a look what the booklet for
Yxy(43.4461, 0.2806, 0.3232)
contains.

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Color

Yxy(43.5658, 0.2802, 0.3233)

Conversions

Conversions Part 1

Format	Color
Hex	92B7BB
RGB	146, 183, 187
RGB Percent	57%, 72%, 73%
CMY	0.4274, 0.2823, 0.2667
CMYK	0.22, 0.02, 0.00, 0.27
HSL	186°, 23%, 65%
HSV	186°, 22%, 73%
XYZ	37.7579, 43.5658, 53.4298
YIQ	172.3930, -23.3360, -6.6000

Conversions

Conversions Part 2

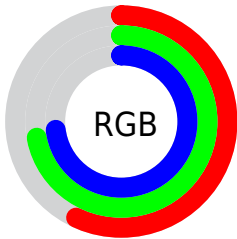
Format	Color
RYB	146, 165, 187
Decimal	9615291
CIELab	71.94, -11.48, -6.13
CIELCh	72, 13.018, 208.115
Yxy	43.5658, 0.2802, 0.3233
Android (android.graphics.Color)	4287805371 (0xFF92B7BB)
YUV	172.3930, 7.2013, -23.1467
Hunter-Lab	66.0044, -13.3965, -1.7915

Details

The Yxy color **43.5658, 0.2802, 0.3233** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.4543, 0.3554, 0.3346**, and the grayscale version is **41.4377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6216, 0.2864, 0.3246**, and **20.0662, 0.2704, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **41.2447, 0.2667, 0.3204**, and if you desaturate by 10%, it is **46.1805, 0.2947, 0.3260**.

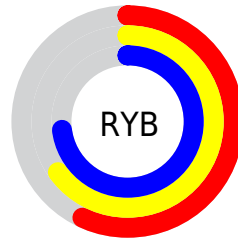
Distribution



Red (57%)

Green (72%)

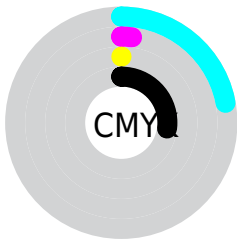
Blue (73%)



Red (57%)

Yellow (65%)

Blue (73%)

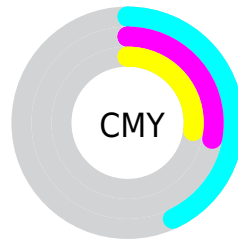


Cyan (22%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (43%)


Magenta (28%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5658, 0.2802, 0.3233 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 43.5658, 0.2802, 0.3233 by changing the saturation by 10% instead.

 43.5658, 0.2802,
0.3233


 43.5658, 0.2802,
0.3233


360.9335, 0.2965,
0.3264

 30.3293, 0.2761,
0.3225


 80.5640, 0.2861,
0.3245

 20.0887, 0.2709,
0.3213


 105.0945, 0.2884,
0.3249

 12.4595, 0.2639,
0.3198


134.1584, 0.2902,
0.3253

 7.0574, 0.2541,
0.3174

168.1401, 0.2918,
0.3255

 3.4980, 0.2396,
0.3136

207.4241, 0.2932,
0.3258

 1.3969, 0.2156,
0.3064

252.3947, 0.2945,

 0.2145, 0.0000,

0.3260

0.2446

303.4364, 0.2955,
0.3262

0.0000, 0.0000,
0.0000

43.5658, 0.2802,
0.3233

43.5658, 0.2802,
0.3233

41.2447, 0.2667,
0.3204

46.1805, 0.2947,
0.3260

39.1981, 0.2543,
0.3173

49.0963, 0.3098,
0.3285

37.4132, 0.2435,
0.3141

52.3267, 0.3252,
0.3308

35.8737, 0.2344,
0.3108

55.8831, 0.3408,
0.3329

34.5615, 0.2271,
0.3074

59.7762, 0.3562,
0.3347

■ 33.4559, 0.2217,
0.3041

■ 63.4026, 0.3687,
0.3364

■ 32.5322, 0.2181,
0.3008

■ 64.2183, 0.3682,
0.3383

■ 31.8795, 0.2161,
0.2981

■ 65.0441, 0.3677,
0.3402

■ 65.8798, 0.3672,
0.3420

Harmonies

Analogous

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



43.5658, 0.2916, 0.3407



43.5658, 0.2802, 0.3233



43.5658, 0.2773, 0.3082

Triad

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



43.5658, 0.2802, 0.3233



43.5658, 0.3159, 0.3049



43.5658, 0.3424, 0.3590

Complementary

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



43.5658, 0.2802, 0.3233



34.4543, 0.3554, 0.3346

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.



43.5658, 0.3494, 0.3483



43.5658, 0.2802, 0.3233



43.5658, 0.3339, 0.3175

Square

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



43.5658, 0.2802, 0.3233



43.5658, 0.2975, 0.2983



43.5658, 0.3463, 0.3332



43.5658, 0.3274, 0.3617

Rectangle

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



43.5658, 0.2802, 0.3233



43.5658, 0.2805, 0.3014



43.5658, 0.3463, 0.3332



43.5658, 0.3458, 0.3562

Sweetspot

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



43.5676, 0.2802, 0.3233



85.1530, 0.3019, 0.3273



43.8346, 0.3074, 0.3840



18.6832, 0.3010, 0.3271



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.



43.5676, 0.2802, 0.3233



76.0967, 0.2740, 0.3220



35.9254, 0.2781, 0.2944



10.6463, 0.2985, 0.3267



22.0251, 0.2163, 0.2985



0.9093, 0.2185, 0.3064

Inverse Universe

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



34.5445, 0.3190, 0.2803



57.3307, 0.3205, 0.2701



41.3591, 0.3498, 0.3613



9.6798, 0.3152, 0.3085



9.2531, 0.3467, 0.1684



0.3672, 0.3398, 0.1646

Previews

White Background



This preview shows how the Yxy color 43.5658, 0.2802, 0.3233 looks on a white background.

Color Contrast Check

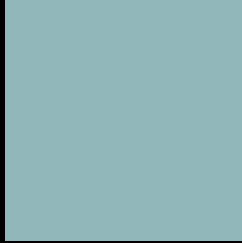
Large Text (above 18pt) WCAG AA × Fail

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 43.5658, 0.2802, 0.3233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

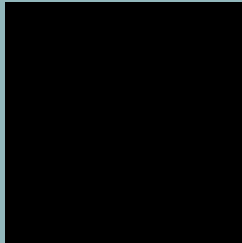
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

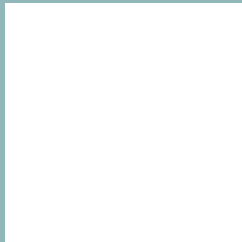
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5658, 0.2802, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 43.5658, 0.2802, 0.3233.



This preview shows how white text looks on a background with the Yxy color 43.5658, 0.2802, 0.3233.

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

43.5658, 0.2802, 0.3233

Protanopia

43.3845, 0.3088, 0.3197

Deuteranopia

43.3647, 0.3120, 0.3058



Tritanopia

43.7373, 0.2754, 0.3096

Trichromacy



Original Color

43.5658, 0.2802, 0.3233

Protanomaly

43.4085, 0.2978, 0.3208

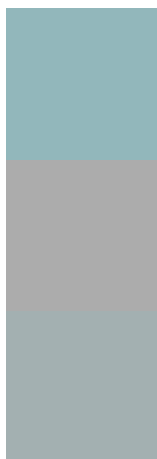
Deuteranomaly

43.0614, 0.2997, 0.3116

Tritanomaly

43.5092, 0.2767, 0.3136

Monochromacy



Original Color

43.5658, 0.2802, 0.3233

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.0115, 0.3007, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5658, 0.2802, 0.3233 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, 183, 187)` looks like.

```
.text, #text, p{  
    color:rgb(146, 183, 187)  
}
```

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, 183, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 183, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.5658, 0.2802, 0.3233 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, 183, 187) }
```

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

```
.border{ border-color:rgb(146, 183, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 183, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 183, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 183, 187); box-shadow:4px 4px 4px 4px rgb(146, 183, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5658, 0.2802, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 183, 187) }
```

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

```
.background{ background-color: rgb(146,  
183, 187) }
```

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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