

Converting Colors

$Yxy(43.1371, 0.2899, 0.3423)$

Have a look what the booklet for
Yxy(43.1371, 0.2899, 0.3423)
contains.

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Color

Yxy(43.1260, 0.2901, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	93B7AE
RGB	147, 183, 174
RGB Percent	58%, 72%, 68%
CMY	0.4236, 0.2823, 0.3176
CMYK	0.20, 0.00, 0.05, 0.28
HSL	165°, 20%, 65%
HSV	165°, 20%, 72%
XYZ	36.6028, 43.1260, 46.4444
YIQ	171.2100, -18.5670, -10.4310

Conversions

Conversions Part 2

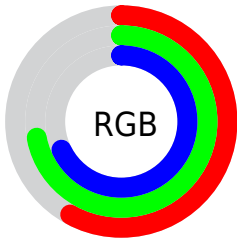
Format	Color
RYB	147, 168, 183
Decimal	9680814
CIELab	71.64, -13.99, 0.55
CIELCh	72, 14.000, 177.741
Yxy	43.1260, 0.2901, 0.3418
Android (android.graphics.Color)	4287870894 (0xFF93B7AE)
YUV	171.2100, 1.3755, -21.2322
Hunter-Lab	65.6704, -15.4323, 4.0373

Details

The Yxy color **43.1260, 0.2901, 0.3418** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **33.3264, 0.3416, 0.3166**, and the grayscale version is **40.8342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8077, 0.2943, 0.3399**, and **19.8572, 0.2835, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **41.3935, 0.2796, 0.3492**, and if you desaturate by 10%, it is **45.1373, 0.3014, 0.3350**.

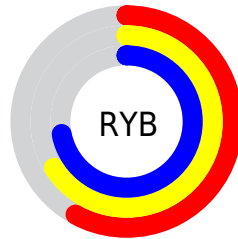
Distribution



Red (58%)

Green (72%)

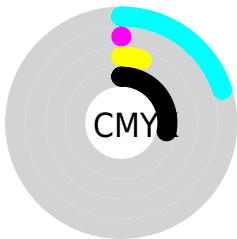
Blue (68%)



Red (58%)

Yellow (66%)

Blue (72%)

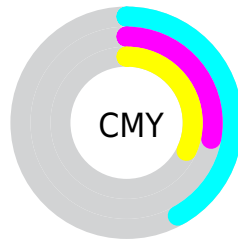


Cyan (20%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (42%)

Magenta (28%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1260, 0.2901, 0.3418 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 43.1260, 0.2901, 0.3418 by changing the saturation by 10% instead.


 43.1260, 0.2901,
0.3418


 43.1260, 0.2901,
0.3418


359.1297, 0.3016,
0.3353

 29.9840, 0.2872,
0.3435


 79.9010, 0.2943,
0.3394

 19.8264, 0.2834,
0.3456


 104.3027, 0.2959,
0.3385

 12.2689, 0.2784,
0.3485


133.2265, 0.2972,
0.3378

 6.9271, 0.2712,
0.3526

167.0567, 0.2983,
0.3371

 3.4166, 0.2603,
0.3589

206.1777, 0.2993,
0.3366

 1.3529, 0.2416,
0.3697

250.9740, 0.3001,

 0.1816, 0.0000,

0.3361

0.5329

301.8298, 0.3009,
0.3357

0.0000, 0.0000,
0.0000

43.1260, 0.2901,
0.3418

43.1260, 0.2901,
0.3418

41.3935, 0.2796,
0.3492

45.1373, 0.3014,
0.3350

39.9216, 0.2701,
0.3572

47.4339, 0.3131,
0.3288

38.6984, 0.2620,
0.3657

50.0288, 0.3251,
0.3233

37.7088, 0.2554,
0.3745

52.9326, 0.3371,
0.3183

36.9361, 0.2507,
0.3836

56.1554, 0.3490,
0.3140

■ 36.3612, 0.2479,
0.3929

■ 59.3682, 0.3591,
0.3100

■ 35.9617, 0.2470,
0.4021

■ 59.5871, 0.3552,
0.3054

■ 35.6938, 0.2476,
0.4113

■ 59.8125, 0.3513,
0.3007

■ 35.6861, 0.2477,
0.4116

■ 60.0443, 0.3475,
0.2961

Harmonies

Analogous

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



43.1260, 0.3086, 0.3573



43.1260, 0.2901, 0.3418



43.1260, 0.2778, 0.3230

Triad

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



43.1260, 0.2901, 0.3418



43.1260, 0.2960, 0.2959



43.1260, 0.3524, 0.3496

Complementary

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



43.1260, 0.2901, 0.3418



33.3264, 0.3416, 0.3166

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.



43.1260, 0.3489, 0.3332



43.1260, 0.2901, 0.3418



43.1260, 0.3158, 0.3029

Square

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



43.1260, 0.2901, 0.3418



43.1260, 0.2811, 0.2971



43.1260, 0.3354, 0.3164



43.1260, 0.3449, 0.3612

Rectangle

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



43.1260, 0.2901, 0.3418



43.1260, 0.2745, 0.3116



43.1260, 0.3354, 0.3164



43.1260, 0.3525, 0.3445

Sweetspot

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



43.1278, 0.2901, 0.3418



82.2481, 0.3055, 0.3327



43.0427, 0.3179, 0.3811



18.1085, 0.3048, 0.3331



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.



43.1278, 0.2901, 0.3418



75.7111, 0.2851, 0.3452



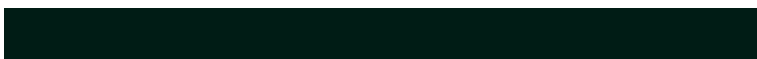
39.8919, 0.2829, 0.3160



10.1713, 0.3018, 0.3348



24.9037, 0.2474, 0.4105



0.8872, 0.2408, 0.3869

Inverse Universe

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



33.3264, 0.3416, 0.3166



54.6825, 0.3504, 0.3135



35.9448, 0.3486, 0.3416



9.0480, 0.3250, 0.3233



7.1685, 0.5900, 0.3024



0.2629, 0.5155, 0.2613

Previews

White Background



This preview shows how the Yxy color 43.1260, 0.2901, 0.3418 looks on a white background.

Color Contrast Check

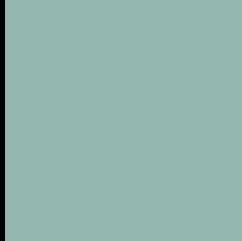
Large Text (above 18pt) WCAG AA × Fail

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 43.1260, 0.2901, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

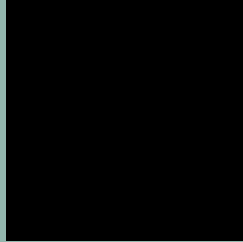
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1260, 0.2901, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 43.1260, 0.2901, 0.3418.

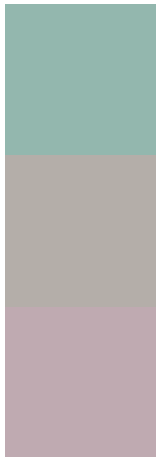


This preview shows how white text looks on a background with the Yxy color 43.1260, 0.2901, 0.3418.

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

43.1260, 0.2901, 0.3418

Protanopia

42.8400, 0.3223, 0.3357

Deuteranopia

43.0001, 0.3259, 0.3200



Tritanopia

43.1169, 0.2788, 0.3096

Trichromacy



Original Color

43.1260, 0.2901, 0.3418

Protanomaly

42.7094, 0.3097, 0.3373

Deuteranomaly

42.9085, 0.3119, 0.3277

Tritanomaly

43.1196, 0.2830, 0.3205

Monochromacy



Original Color

43.1260, 0.2901, 0.3418

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

41.3199, 0.3038, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1260, 0.2901, 0.3418 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(147, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(147, 183, 174)  
}
```

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(147, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 183, 174) }
```

Border

The CSS property to change the border of an element to Yxy 43.1260, 0.2901, 0.3418 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(147, 183, 174) }
```

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

```
.border{ border-color:rgb(147, 183, 174) }
```

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

Here you see how a box with a 4 pixel rgb(147, 183, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(147, 183,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1260, 0.2901, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 183, 174) }
```

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

```
.background{ background-color: rgb(147,  
183, 174) }
```

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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