

Converting Colors

$Y_{xy}(43.1332, 0.2805, 0.3175)$

Have a look what the booklet for
Yxy(43.1332, 0.2805, 0.3175)
contains.

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Color

Yxy(43.1114, 0.2809, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	95B5BD
RGB	149, 181, 189
RGB Percent	58%, 71%, 74%
CMY	0.4155, 0.2902, 0.2589
CMYK	0.21, 0.04, 0.00, 0.26
HSL	192°, 23%, 66%
HSV	192°, 21%, 74%
XYZ	38.1057, 43.1114, 54.4387
YIQ	172.3440, -21.6400, -4.2960

Conversions

Conversions Part 2

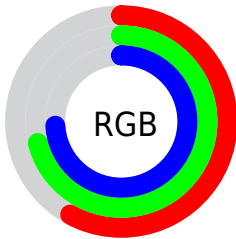
Format	Color
R_{YB}	149, 167, 189
Decimal	9811389
CIE _{Lab}	71.63, -9.03, -7.65
CIE _{LCh}	72, 11.838, 220.259
Yxy	43.1114, 0.2809, 0.3178
Android (android.graphics.Color)	4288001469 (0xFF95B5BD)
YUV	172.3440, 8.2114, -20.4727
Hunter-Lab	65.6593, -11.3103, -3.1963

Details

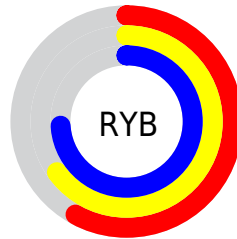
The Yxy color **43.1114, 0.2809, 0.3178** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.1029, 0.3524, 0.3399**, and the grayscale version is **41.4074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9983, 0.2870, 0.3204**, and **19.7573, 0.2711, 0.3133** is the 20% darker color. If you saturate the color by 10%, you get **39.9638, 0.2666, 0.3118**, and if you desaturate by 10%, it is **46.5925, 0.2958, 0.3234**.

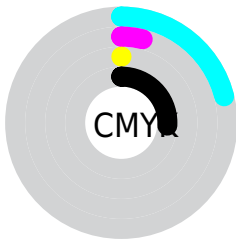
Distribution



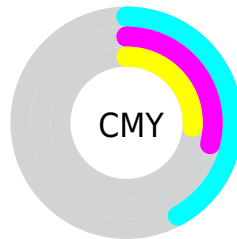
- Red (58%)
- Green (71%)
- Blue (74%)



- Red (58%)
- Yellow (65%)
- Blue (74%)



- Cyan (21%)
- Magenta (4%)
- Yellow (0%)
- Black (26%)





- Cyan (42%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1114, 0.2809, 0.3178 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 43.1114, 0.2809, 0.3178 by changing the saturation by 10% instead.

 43.1114, 0.2809,
0.3178


 43.1114, 0.2809,
0.3178

359.0697, 0.2969,
0.3237

 29.9725, 0.2769,
0.3163


 79.8789, 0.2867,
0.3200

 19.8177, 0.2718,
0.3142


 104.2764, 0.2889,
0.3208

 12.2626, 0.2649,
0.3115


133.1955, 0.2907,
0.3215

 6.9228, 0.2553,
0.3074

167.0207, 0.2923,
0.3220

 3.4139, 0.2410,
0.3011

206.1363, 0.2937,
0.3225

 1.3514, 0.2173,
0.2897

250.9267, 0.2949,

 0.1805, 0.0000,

0.3230

0.1979

301.7764, 0.2959,
0.3233

0.0000, 0.0000,
0.0000

43.1114, 0.2809,
0.3178

43.1114, 0.2809,
0.3178

39.9638, 0.2666,
0.3118

46.5925, 0.2958,
0.3234

37.1301, 0.2533,
0.3053

50.4150, 0.3110,
0.3285

34.5968, 0.2412,
0.2986

54.5933, 0.3263,
0.3331

32.3471, 0.2306,
0.2915

59.1390, 0.3414,
0.3372

30.3623, 0.2217,
0.2843

64.0634, 0.3561,
0.3408

■ 28.6210, 0.2148,
0.2771

■ 67.9427, 0.3645,
0.3443

■ 27.0981, 0.2098,
0.2699

■ 69.7533, 0.3635,
0.3482

■ 25.8866, 0.2065,
0.2635

■ 71.6076, 0.3626,
0.3520

■ 73.5059, 0.3616,
0.3558

Harmonies

Analogous

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



43.1114, 0.2884, 0.3333



43.1114, 0.2809, 0.3178



43.1114, 0.2817, 0.3059

Triad

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



43.1114, 0.2809, 0.3178



43.1114, 0.3226, 0.3111



43.1114, 0.3349, 0.3584

Complementary

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



43.1114, 0.2809, 0.3178



37.1029, 0.3524, 0.3399

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.



43.1114, 0.3447, 0.3513



43.1114, 0.2809, 0.3178



43.1114, 0.3375, 0.3241

Square

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



43.1114, 0.2809, 0.3178



43.1114, 0.3054, 0.3025



43.1114, 0.3456, 0.3388



43.1114, 0.3194, 0.3573

Rectangle

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



43.1114, 0.2809, 0.3178



43.1114, 0.2867, 0.3015



43.1114, 0.3456, 0.3388



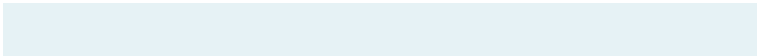
43.1114, 0.3390, 0.3568

Sweetspot

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



43.1132, 0.2809, 0.3178



86.8477, 0.3034, 0.3260



45.1875, 0.3047, 0.3759



18.5807, 0.3024, 0.3257



95.5105, 0.3127, 0.3290



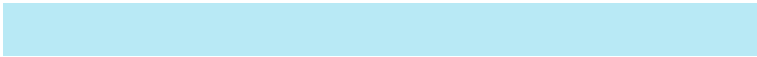
19.5994, 0.3127, 0.3290

Same Dimension

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



43.1132, 0.2809, 0.3178



74.7641, 0.2747, 0.3153



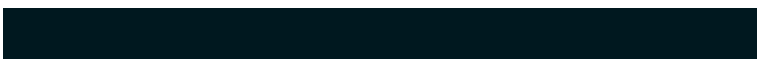
35.7951, 0.2790, 0.2899



10.4772, 0.2985, 0.3243



17.5330, 0.2068, 0.2645



0.7706, 0.2116, 0.2816

Inverse Universe

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



35.6580, 0.3226, 0.2871



59.3510, 0.3250, 0.2783



44.1640, 0.3473, 0.3652



9.6627, 0.3167, 0.3108



8.7997, 0.3781, 0.1857



0.3531, 0.3620, 0.1768

Previews

White Background



This preview shows how the Yxy color 43.1114, 0.2809, 0.3178 looks on a white background.

Color Contrast Check

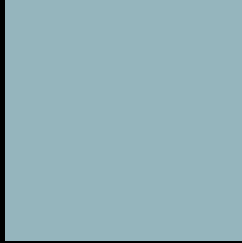
Large Text (above 18pt) WCAG AA × Fail

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 43.1114, 0.2809, 0.3178 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

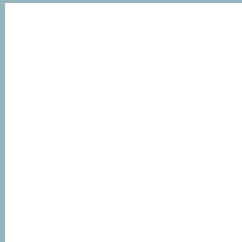
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1114, 0.2809, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 43.1114, 0.2809, 0.3178.



This preview shows how white text looks on a background with the Yxy color 43.1114, 0.2809, 0.3178.

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

43.1114, 0.2809, 0.3178

Protanopia

42.8888, 0.3047, 0.3143

Deuteranopia

42.8253, 0.3087, 0.3019



Tritanopia

43.0667, 0.2773, 0.3082

Trichromacy



Original Color

43.1114, 0.2809, 0.3178

Protanomaly

43.0964, 0.2963, 0.3168

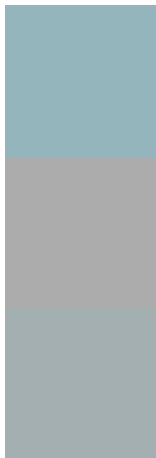
Deuteranomaly

42.7605, 0.2982, 0.3077

Tritanomaly

42.9768, 0.2787, 0.3109

Monochromacy



Original Color

43.1114, 0.2809, 0.3178

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.7668, 0.3008, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1114, 0.2809, 0.3178 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(149, 181, 189)` looks like.

```
.text, #text, p{  
    color:rgb(149, 181, 189)  
}
```

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(149, 181, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 181, 189) }
```

Border

The CSS property to change the border of an element to Yxy 43.1114, 0.2809, 0.3178 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(149, 181, 189) }
```

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

```
.border{ border-color:rgb(149, 181, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 181, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 181, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 181, 189);  
box-shadow:4px 4px 4px 4px rgb(149, 181,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1114, 0.2809, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 181, 189) }
```

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

```
.background{ background-color: rgb(149,  
181, 189) }
```

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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