

Converting Colors

$Y_{xy}(43.2212, 0.2780, 0.2872)$

Have a look what the booklet for
Yxy(43.2212, 0.2780, 0.2872)
contains.

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Color

Yxy(43.3422, 0.2785, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	A3B0CF
RGB	163, 176, 207
RGB Percent	64%, 69%, 81%
CMY	0.3607, 0.3098, 0.1882
CMYK	0.21, 0.15, 0.00, 0.19
HSL	222°, 31%, 73%
HSV	222°, 21%, 81%
XYZ	41.8980, 43.3422, 65.2014
YIQ	175.6470, -17.6990, 6.8850

Conversions

Conversions Part 2

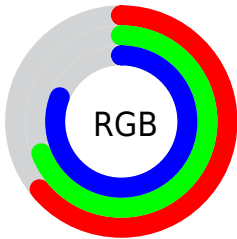
Format	Color
R_{YB}	163, 173, 207
Decimal	10727631
CIE _{Lab}	71.79, 2.14, -17.22
CIE _{LCh}	72, 17.352, 277.080
Yxy	43.3422, 0.2785, 0.2881
Android (android.graphics.Color)	4288917711 (0xFFA3B0CF)
YUV	175.6470, 15.4570, -11.0914
Hunter-Lab	65.8348, -1.6116, -12.6352

Details

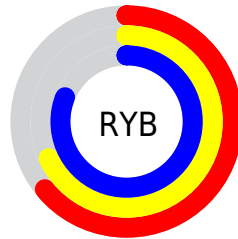
The Yxy color $43.3422, 0.2785, 0.2881$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $54.5216, 0.3475, 0.3668$, and the grayscale version is $43.1512, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.8387, 0.2897, 0.3051$, and $20.0947, 0.2688, 0.2768$ is the 20% darker color. If you saturate the color by 10%, you get $35.9133, 0.2608, 0.2654$, and if you desaturate by 10%, it is $51.7482, 0.2953, 0.3086$.

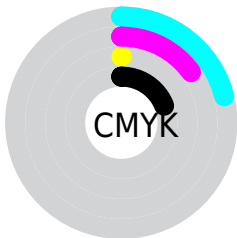
Distribution



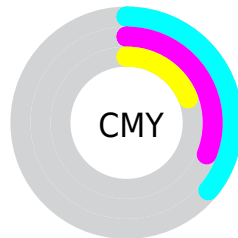
- Red (64%)
- Green (69%)
- Blue (81%)



- Red (64%)
- Yellow (68%)
- Blue (81%)



- Cyan (21%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)





- Cyan (36%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3422, 0.2785, 0.2881 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 43.3422, 0.2785, 0.2881 by changing the saturation by 10% instead.


 43.3422, 0.2785,
0.2881


 43.3422, 0.2785,
0.2881

360.0172, 0.2957,
0.3085

 30.1537, 0.2742,
0.2830


 80.2270, 0.2848,
0.2955

 19.9553, 0.2687,
0.2765


 104.6921, 0.2871,
0.2983

 12.3625, 0.2613,
0.2680


133.6848, 0.2891,
0.3006

 6.9911, 0.2511,
0.2561

167.5896, 0.2908,
0.3027

 3.4565, 0.2360,
0.2387

206.7909, 0.2923,
0.3044

 1.3745, 0.2116,
0.2111

251.6729, 0.2936,

 0.1978, 0.1243,

0.3060

0.1023

302.6202, 0.2947,
0.3073

0.0000, 0.0000,
0.0000

43.3422, 0.2785,
0.2881

43.3422, 0.2785,
0.2881

35.9133, 0.2608,
0.2654

51.7482, 0.2953,
0.3086

29.4194, 0.2425,
0.2407

61.1608, 0.3109,
0.3269

23.8230, 0.2242,
0.2145

71.6145, 0.3252,
0.3430

19.0821, 0.2067,
0.1876

83.1409, 0.3382,
0.3571

15.1505, 0.1907,
0.1610

93.5155, 0.3422,
0.3705

■ 11.9776, 0.1772,
0.1359

■ 97.2860, 0.3412,
0.3760

■ 9.5053, 0.1669,
0.1137

■ 7.8451, 0.1604,
0.0973

Harmonies

Analogous

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



43.3422, 0.2670, 0.2966



43.3422, 0.2785, 0.2881



43.3422, 0.2992, 0.2901

Triad

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



43.3422, 0.2785, 0.2881



43.3422, 0.3605, 0.3405



43.3422, 0.2999, 0.3591

Complementary

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



43.3422, 0.2785, 0.2881



54.5216, 0.3475, 0.3668

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.



43.3422, 0.3248, 0.3717



43.3422, 0.2785, 0.2881



43.3422, 0.3604, 0.3595

Square

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



43.3422, 0.2785, 0.2881



43.3422, 0.3471, 0.3195



43.3422, 0.3471, 0.3714



43.3422, 0.2790, 0.3376

Rectangle

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



43.3422, 0.2785, 0.2881



43.3422, 0.3159, 0.2968



43.3422, 0.3471, 0.3714



43.3422, 0.3081, 0.3646

Sweetspot

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



43.3440, 0.2785, 0.2881



90.5202, 0.3035, 0.3183



56.3121, 0.2896, 0.3459



19.1620, 0.3025, 0.3171



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



43.3440, 0.2785, 0.2881



64.4412, 0.2714, 0.2792



39.4617, 0.2846, 0.2716



11.9774, 0.2982, 0.3121



5.0857, 0.1610, 0.0996



0.4223, 0.1714, 0.1369

Inverse Universe

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



42.6072, 0.3429, 0.3130



63.2858, 0.3503, 0.3098



59.3168, 0.3374, 0.3828



11.8648, 0.3245, 0.3222



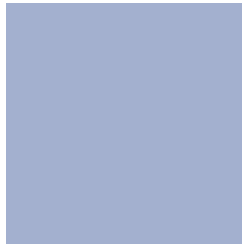
8.5847, 0.5764, 0.2949



0.4939, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 43.3422, 0.2785, 0.2881 looks on a white background.

Color Contrast Check

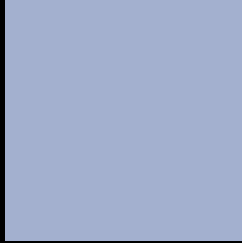
Large Text (above 18pt) WCAG AA × Fail

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 43.3422, 0.2785, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

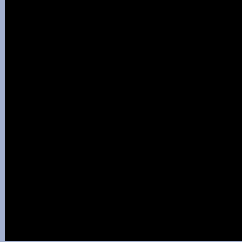
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

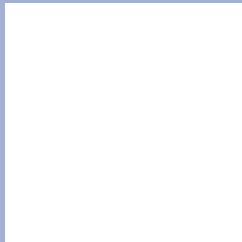
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3422, 0.2785, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 43.3422, 0.2785, 0.2881.



This preview shows how white text looks on a background with the Yxy color 43.3422, 0.2785, 0.2881.

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

43.3422, 0.2785, 0.2881

Protanopia

43.2744, 0.2845, 0.2873

Deuteranopia

43.4062, 0.2886, 0.2830



Tritanopia

43.1646, 0.2863, 0.3086

Trichromacy



Original Color

43.3422, 0.2785, 0.2881

Protanomaly

43.3317, 0.2822, 0.2884

Deuteranomaly

43.2119, 0.2846, 0.2838

Tritanomaly

43.0986, 0.2834, 0.3007

Monochromacy



Original Color

43.3422, 0.2785, 0.2881

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2965, 0.2997, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3422, 0.2785, 0.2881 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(163, 176, 207)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 207)  
}
```

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(163, 176, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 207) }
```

Border

The CSS property to change the border of an element to Yxy 43.3422, 0.2785, 0.2881 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(163, 176, 207) }
```

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

```
.border{ border-color:rgb(163, 176, 207) }
```

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

Here you see how a box with a 4 pixel rgb(163, 176, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 207);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3422, 0.2785, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 207) }
```

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

```
.background{ background-color: rgb(163,  
176, 207) }
```

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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