

Converting Colors

$Yxy(43.4432, 0.2623, 0.2562)$

Have a look what the booklet for
Yxy(43.4432, 0.2623, 0.2562)
contains.

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Color

Yxy(43.4432, 0.2623, 0.2562)

Conversions

Conversions Part 1

Format	Color
Hex	A3ADE7
RGB	163, 173, 231
RGB Percent	64%, 68%, 91%
CMY	0.3606, 0.3216, 0.0941
CMYK	0.29, 0.25, 0.00, 0.09
HSL	231°, 59%, 77%
HSV	231°, 29%, 91%
XYZ	44.4776, 43.4432, 81.6468
YIQ	176.6220, -24.5780, 15.9180

Conversions

Conversions Part 2

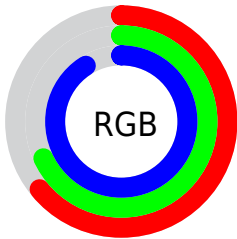
Format	Color
R _Y B	163, 172, 231
Decimal	10726887
CIE Lab	71.85, 9.50, -30.23
CIE LCh	72, 31.684, 287.447
Yxy	43.4432, 0.2623, 0.2562
Android (android.graphics.Color)	4288916967 (0xFFA3ADE7)
YUV	176.6220, 26.8084, -11.9465
Hunter-Lab	65.9115, 5.1081, -27.3065

Details

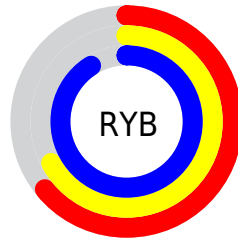
The Yxy color **43.4432, 0.2623, 0.2562** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **71.3759, 0.3599, 0.3926**, and the grayscale version is **43.6284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7669, 0.2902, 0.3009**, and **20.0211, 0.2479, 0.2377** is the 20% darker color. If you saturate the color by 10%, you get **34.2128, 0.2426, 0.2263**, and if you desaturate by 10%, it is **54.2383, 0.2809, 0.2837**.

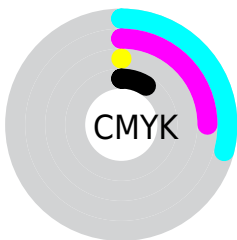
Distribution



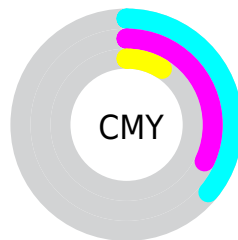
- Red (64%)
- Green (68%)
- Blue (91%)



- Red (64%)
- Yellow (67%)
- Blue (91%)



- Cyan (29%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)





- Cyan (36%)
- Magenta (32%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4432, 0.2623, 0.2562 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 43.4432, 0.2623, 0.2562 by changing the saturation by 10% instead.


 43.4432, 0.2623,
0.2562


 43.4432, 0.2623,
0.2562

360.4313, 0.2875,
0.2916

 30.2330, 0.2561,
0.2478


 80.3792, 0.2714,
0.2688

 20.0155, 0.2481,
0.2372

 104.8739, 0.2749,
0.2736

 12.4063, 0.2378,
0.2236


133.8988, 0.2778,
0.2777

 7.0210, 0.2236,
0.2055

167.8384, 0.2803,
0.2812

 3.4753, 0.2034,
0.1806

207.0770, 0.2825,
0.2843

 1.3846, 0.1730,
0.1448

251.9991, 0.2844,

 0.2053, 0.1147,

0.2870

0.0551

302.9891, 0.2861,
0.2894

0.0000, 0.0000,
0.0000

43.4432, 0.2623,
0.2562

43.4432, 0.2623,
0.2562

34.2128, 0.2426,
0.2263

54.2383, 0.2809,
0.2837

26.4689, 0.2224,
0.1949

66.6611, 0.2981,
0.3084

20.1346, 0.2028,
0.1633

80.7773, 0.3136,
0.3302

15.1233, 0.1850,
0.1332

96.5639, 0.3271,
0.3493

11.3391, 0.1703,
0.1067

98.5499, 0.3268,
0.3522

■ 8.6725, 0.1596,
0.0856

■ 6.9790, 0.1532,
0.0711

■ 6.9046, 0.1529,
0.0704

Harmonies

Analogous

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



43.4432, 0.2367, 0.2631



43.4432, 0.2623, 0.2562



43.4432, 0.3027, 0.2662

Triad

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



43.4432, 0.2623, 0.2562



43.4432, 0.4033, 0.3597



43.4432, 0.2743, 0.3727

Complementary

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



43.4432, 0.2623, 0.2562



71.3759, 0.3599, 0.3926

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.



43.4432, 0.3174, 0.4041



43.4432, 0.2623, 0.2562



43.4432, 0.3931, 0.3918

Square

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



43.4432, 0.2623, 0.2562



43.4432, 0.3869, 0.3233



43.4432, 0.3611, 0.4100



43.4432, 0.2430, 0.3282

Rectangle

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



43.4432, 0.2623, 0.2562



43.4432, 0.3337, 0.2808



43.4432, 0.3611, 0.4100



43.4432, 0.2879, 0.3855

Sweetspot

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



43.4449, 0.2623, 0.2562



84.0367, 0.2987, 0.3092



70.1566, 0.2757, 0.3411



17.4702, 0.2963, 0.3058



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.



43.4449, 0.2623, 0.2562



47.4690, 0.2510, 0.2392



42.5207, 0.2793, 0.2475



14.2260, 0.2980, 0.3083



3.9797, 0.1534, 0.0722



0.4012, 0.1595, 0.0943

Inverse Universe

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



46.2147, 0.3685, 0.3177



51.6891, 0.3842, 0.3155



73.0981, 0.3395, 0.4069



14.4022, 0.3269, 0.3256



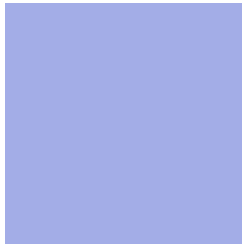
9.5995, 0.6197, 0.3187



0.7202, 0.5845, 0.2994

Previews

White Background



This preview shows how the Yxy color 43.4432, 0.2623, 0.2562 looks on a white background.

Color Contrast Check

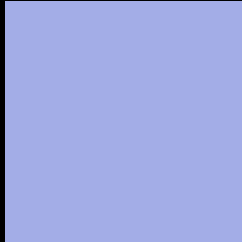
Large Text (above 18pt) WCAG AA × Fail

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 43.4432, 0.2623, 0.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

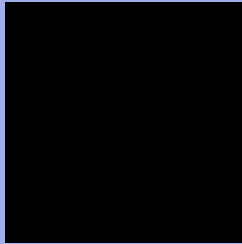
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4432, 0.2623, 0.2562

Background



This preview shows how black text looks on a background with the Yxy color 43.4432, 0.2623, 0.2562.



This preview shows how white text looks on a background with the Yxy color 43.4432, 0.2623, 0.2562.

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

43.4432, 0.2623, 0.2562

Protanopia

43.5719, 0.2597, 0.2560

Deuteranopia

43.4432, 0.2623, 0.2562



Tritanopia

43.5061, 0.2818, 0.3098

Trichromacy



Original Color

43.4432, 0.2623, 0.2562

Protanomaly

43.6754, 0.2604, 0.2561

Deuteranomaly

43.4432, 0.2623, 0.2562

Tritanomaly

43.2184, 0.2748, 0.2891

Monochromacy



Original Color

43.4432, 0.2623, 0.2562

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8525, 0.2929, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4432, 0.2623, 0.2562 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, 173, 231)` looks like.

```
.text, #text, p{  
    color:rgb(163, 173, 231)  
}
```

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, 173, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 173, 231) }
```

Border

The CSS property to change the border of an element to Yxy 43.4432, 0.2623, 0.2562 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, 173, 231) }
```

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

```
.border{ border-color:rgb(163, 173, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 173, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 173, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 173, 231);  
box-shadow:4px 4px 4px 4px rgb(163, 173,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4432, 0.2623, 0.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 173, 231) }
```

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

```
.background{ background-color: rgb(163,  
173, 231) }
```

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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