

Converting Colors

Yxy(43.1429, 0.2658, 0.2422)

Have a look what the booklet for
Yxy(43.1429, 0.2658, 0.2422)
contains.

Yxy(43.0995, 0.2659, 0.2423)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.0995, 0.2659, 0.2423)

Conversions

Conversions Part 1

Format	Color
Hex	B0A7EF
RGB	176, 167, 239
RGB Percent	69%, 65%, 94%
CMY	0.3099, 0.3450, 0.0628
CMYK	0.26, 0.30, 0.00, 0.06
HSL	247°, 69%, 80%
HSV	247°, 30%, 94%
XYZ	47.2974, 43.0995, 87.4797
YIQ	177.8990, -17.7480, 24.3000

Conversions

Conversions Part 2

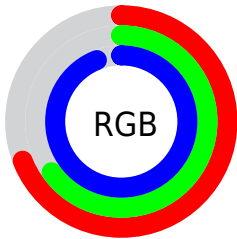
Format	Color
R _Y B	176, 167, 239
Decimal	11577327
CIE Lab	71.62, 18.54, -34.86
CIE LCh	72, 39.478, 298.005
Yxy	43.0995, 0.2659, 0.2423
Android (android.graphics.Color)	4289767407 (0xFFB0A7EF)
YUV	177.8990, 30.1228, -1.6654
Hunter-Lab	65.6502, 13.7116, -33.0495

Details

The Yxy color $43.0995, 0.2659, 0.2423$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81.3460, 0.3517, 0.4060$, and the grayscale version is $44.3089, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.7862, 0.2993, 0.2955$, and $19.8179, 0.2524, 0.2203$ is the 20% darker color. If you saturate the color by 10%, you get $32.8846, 0.2468, 0.2084$, and if you desaturate by 10%, it is $55.3118, 0.2834, 0.2741$.

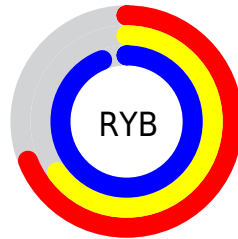
Distribution



Red (69%)

Green (65%)

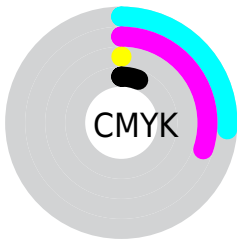
Blue (94%)



Red (69%)

Yellow (65%)

Blue (94%)

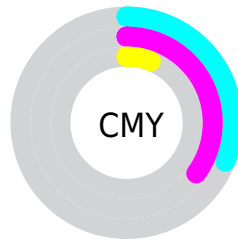


Cyan (26%)

Magenta (30%)

Yellow (0%)

Black (6%)



Cyan (31%)

Magenta (35%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0995, 0.2659, 0.2423 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 43.0995, 0.2659, 0.2423 by changing the saturation by 10% instead.


 43.0995, 0.2659,
0.2423


 43.0995, 0.2659,
0.2423


359.0208, 0.2896,
0.2836

 29.9632, 0.2600,
0.2327


 79.8610, 0.2745,
0.2568

 19.8107, 0.2524,
0.2208


 104.2550, 0.2778,
0.2624

 12.2575, 0.2425,
0.2056


133.1703, 0.2805,
0.2672

 6.9193, 0.2290,
0.1859

166.9913, 0.2829,
0.2714

 3.4117, 0.2097,
0.1595

206.1025, 0.2849,
0.2750

 1.3502, 0.1806,
0.1231

250.8882, 0.2867,


 0.1796, 0.1360,


0.2782


0.0392


301.7329, 0.2883,
0.2811

 0.0000, 0.0000,
0.0000

 43.0995, 0.2659,
0.2423

 43.0995, 0.2659,
0.2423


 32.8846, 0.2468,
0.2084


 55.3118, 0.2834,
0.2741


 24.5554, 0.2268,
0.1738


 69.6147, 0.2989,
0.3030

 17.9974, 0.2069,
0.1403

 86.1019, 0.3126,
0.3287

 13.0811, 0.1884,
0.1105

 99.0115, 0.3220,
0.3444

 9.6594, 0.1727,
0.0867

■ 7.5584, 0.1611,
0.0706

■ 6.5038, 0.1539,
0.0621

Harmonies

Analogous

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



43.0995, 0.2280, 0.2425



43.0995, 0.2659, 0.2423



43.0995, 0.3199, 0.2609

Triad

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



43.0995, 0.2659, 0.2423



43.0995, 0.4247, 0.3801



43.0995, 0.2490, 0.3647

Complementary

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



43.0995, 0.2659, 0.2423



81.3460, 0.3517, 0.4060

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.



43.0995, 0.2978, 0.4140



43.0995, 0.2659, 0.2423



43.0995, 0.4004, 0.4167

Square

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



43.0995, 0.2659, 0.2423



43.0995, 0.4165, 0.3363



43.0995, 0.3533, 0.4323



43.0995, 0.2186, 0.3075

Rectangle

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



43.0995, 0.2659, 0.2423



43.0995, 0.3587, 0.2818



43.0995, 0.3533, 0.4323



43.0995, 0.2636, 0.3833

Sweetspot

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



43.1012, 0.2659, 0.2423



82.6078, 0.3005, 0.3059



71.3730, 0.2682, 0.3192



17.1218, 0.2984, 0.3019



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.



43.1012, 0.2659, 0.2423



42.5567, 0.2546, 0.2221



47.7819, 0.2935, 0.2488



15.3230, 0.2999, 0.3047



3.6244, 0.1546, 0.0626



0.3316, 0.1636, 0.0675

Inverse Universe

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



51.7064, 0.3235, 0.2626



54.0310, 0.3261, 0.2494



76.0677, 0.3267, 0.4125



15.9955, 0.3157, 0.3086



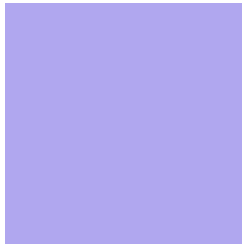
12.7051, 0.3550, 0.1729



1.0664, 0.3499, 0.1701

Previews

White Background



This preview shows how the Yxy color 43.0995, 0.2659, 0.2423 looks on a white background.

Color Contrast Check

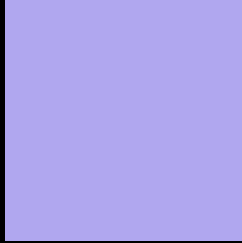
Large Text (above 18pt) WCAG AA × Fail

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 43.0995, 0.2659, 0.2423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

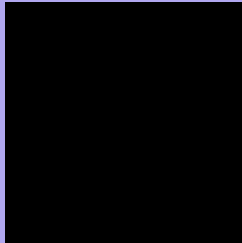
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0995, 0.2659, 0.2423

Background



This preview shows how black text looks on a background with the Yxy color 43.0995, 0.2659, 0.2423.



This preview shows how white text looks on a background with the Yxy color 43.0995, 0.2659, 0.2423.

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

43.0995, 0.2659, 0.2423

Protanopia

43.2888, 0.2485, 0.2412

Deuteranopia

43.2283, 0.2539, 0.2479



Tritanopia

42.8754, 0.2932, 0.3101

Trichromacy



Original Color

43.0995, 0.2659, 0.2423

Protanomaly

43.2180, 0.2546, 0.2419

Deuteranomaly

43.1914, 0.2584, 0.2463

Tritanomaly

42.9873, 0.2830, 0.2835

Monochromacy



Original Color

43.0995, 0.2659, 0.2423

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7893, 0.2947, 0.2953

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0995, 0.2659, 0.2423 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(176, 167, 239)` looks like.

```
.text, #text, p{  
    color:rgb(176, 167, 239)  
}
```

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(176, 167, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 167, 239) }
```

Border

The CSS property to change the border of an element to Yxy 43.0995, 0.2659, 0.2423 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(176, 167, 239) }
```

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

```
.border{ border-color:rgb(176, 167, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 167, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 167, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 167, 239);  
box-shadow:4px 4px 4px 4px rgb(176, 167,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0995, 0.2659, 0.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 167, 239) }
```

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

```
.background{ background-color: rgb(176,  
167, 239) }
```

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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