

Converting Colors

$Y_{xy}(44.0058, 0.3120, 0.2621)$

Have a look what the booklet for
Yxy(44.0058, 0.3120, 0.2621)
contains.

Yxy(43.9522, 0.3123, 0.2621)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9522, 0.3123, 0.2621)

Conversions

Conversions Part 1

Format	Color
Hex	D59FD9
RGB	213, 159, 217
RGB Percent	84%, 62%, 85%
CMY	0.1646, 0.3765, 0.1490
CMYK	0.02, 0.27, 0.00, 0.15
HSL	296°, 43%, 74%
HSV	296°, 27%, 85%
XYZ	52.3704, 43.9522, 71.3699
YIQ	181.7580, 13.5660, 29.4860

Conversions

Conversions Part 2

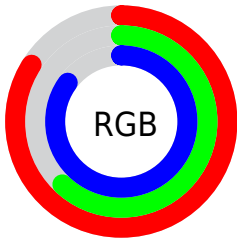
Format	Color
R_{YB}	213, 159, 217
Decimal	14000089
CIE _{Lab}	72.20, 29.75, -21.67
CIE _{LCh}	72, 36.805, 323.930
Yxy	43.9522, 0.3123, 0.2621
Android (android.graphics.Color)	4292190169 (0xFFD59FD9)
YUV	181.7580, 17.3743, 27.3992
Hunter-Lab	66.2965, 24.9859, -17.4198

Details

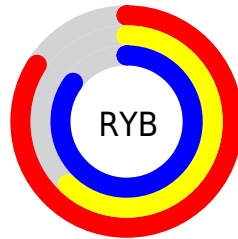
The Yxy color **43.9522, 0.3123, 0.2621** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.9118, 0.3119, 0.4048**, and the grayscale version is **46.5410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5731, 0.3146, 0.2891**, and **20.3931, 0.3117, 0.2456** is the 20% darker color. If you saturate the color by 10%, you get **36.9141, 0.3118, 0.2371**, and if you desaturate by 10%, it is **52.3062, 0.3126, 0.2875**.

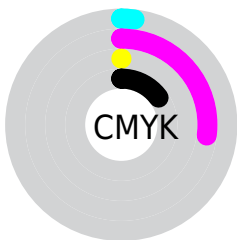
Distribution



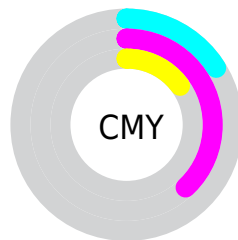
- Red (84%)
- Green (62%)
- Blue (85%)



- Red (84%)
- Yellow (62%)
- Blue (85%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (15%)





- Cyan (16%)
- Magenta (38%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9522, 0.3123, 0.2621 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 43.9522, 0.3123, 0.2621 by changing the saturation by 10% instead.


 43.9522, 0.3123,
0.2621


 43.9522, 0.3123,
0.2621


362.5132, 0.3132,
0.2940

 30.6329, 0.3119,
0.2546


 81.1458, 0.3128,
0.2734

 20.3195, 0.3113,
0.2452


 105.7889, 0.3129,
0.2777

 12.6275, 0.3103,
0.2332


134.9755, 0.3130,
0.2814

 7.1725, 0.3086,
0.2173

169.0898, 0.3131,
0.2846

 3.5702, 0.3055,
0.1953

208.5164, 0.3131,
0.2874

 1.4362, 0.2994,
0.1633

253.6395, 0.3132,

 0.2432, 0.2974,

0.2899

0.0751

304.8437, 0.3132,
0.2921

0.0000, 0.0000,
0.0000

43.9522, 0.3123,
0.2621

43.9522, 0.3123,
0.2621

36.9141, 0.3118,
0.2371

52.3062, 0.3126,
0.2875

31.1177, 0.3110,
0.2136

62.0339, 0.3127,
0.3126

26.4901, 0.3101,
0.1924

73.1966, 0.3127,
0.3368

22.9486, 0.3089,
0.1745

85.8501, 0.3125,
0.3596

20.3997, 0.3074,
0.1607

91.8167, 0.3130,
0.3687

■ 18.7340, 0.3059,
0.1512

■ 92.0499, 0.3139,
0.3686

■ 17.8105, 0.3042,
0.1459

■ 92.2852, 0.3148,
0.3685

■ 17.5888, 0.3036,
0.1446

■ 92.5226, 0.3158,
0.3684

■ 92.7621, 0.3167,
0.3683

Harmonies

Analogous

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



43.9522, 0.2634, 0.2469



43.9522, 0.3123, 0.2621



43.9522, 0.3654, 0.2918

Triad

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



43.9522, 0.3123, 0.2621



43.9522, 0.3989, 0.4071



43.9522, 0.2277, 0.3163

Complementary

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



43.9522, 0.3123, 0.2621



59.9118, 0.3119, 0.4048

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.



43.9522, 0.2590, 0.3692



43.9522, 0.3123, 0.2621



43.9522, 0.3576, 0.4243

Square

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



43.9522, 0.3123, 0.2621



43.9522, 0.4174, 0.3719



43.9522, 0.3062, 0.4114



43.9522, 0.2179, 0.2734

Rectangle

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



43.9522, 0.3123, 0.2621



43.9522, 0.3946, 0.3171



43.9522, 0.3062, 0.4114



43.9522, 0.2358, 0.3336

Sweetspot

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



43.9541, 0.3123, 0.2621



87.4042, 0.3127, 0.3093



38.8680, 0.2672, 0.2592



18.2334, 0.3127, 0.3055



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.



43.9541, 0.3123, 0.2621



57.4776, 0.3120, 0.2481



43.3877, 0.3373, 0.2891



13.2272, 0.3127, 0.3059



10.6660, 0.3039, 0.1448



0.7049, 0.3068, 0.1464

Inverse Universe

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



42.1878, 0.3661, 0.3243



54.5547, 0.3817, 0.3233



60.4224, 0.2940, 0.3727



13.0659, 0.3281, 0.3274



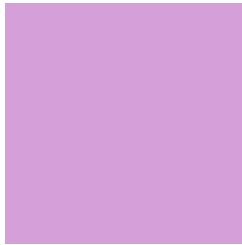
8.9561, 0.6323, 0.3257



0.5854, 0.6100, 0.3134

Previews

White Background



This preview shows how the Yxy color 43.9522, 0.3123, 0.2621 looks on a white background.

Color Contrast Check

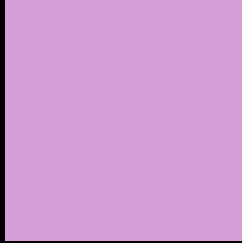
Large Text (above 18pt) WCAG AA × Fail

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 43.9522, 0.3123, 0.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

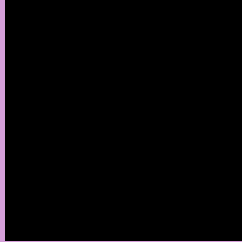
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9522, 0.3123, 0.2621

Background



This preview shows how black text looks on a background with the Yxy color 43.9522, 0.3123, 0.2621.



This preview shows how white text looks on a background with the Yxy color 43.9522, 0.3123, 0.2621.

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

43.9522, 0.3123, 0.2621

Protanopia

44.1036, 0.2638, 0.2610

Deuteranopia

43.9723, 0.2835, 0.2771



Tritanopia

43.9370, 0.3405, 0.3131

Trichromacy



Original Color

43.9522, 0.3123, 0.2621

Protanomaly

43.6359, 0.2793, 0.2603

Deuteranomaly

43.7304, 0.2931, 0.2712

Tritanomaly

43.7463, 0.3301, 0.2929

Monochromacy



Original Color

43.9522, 0.3123, 0.2621

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.5497, 0.3122, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9522, 0.3123, 0.2621 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(213, 159, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 159, 217)  
}
```

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(213, 159, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 159, 217) }
```

Border

The CSS property to change the border of an element to Yxy 43.9522, 0.3123, 0.2621 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(213, 159, 217) }
```

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

```
.border{ border-color:rgb(213, 159, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 159, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 159, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 159, 217); box-shadow:4px 4px 4px 4px rgb(213, 159, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9522, 0.3123, 0.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 159, 217) }
```

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

```
.background{ background-color: rgb(213,  
159, 217) }
```

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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