

Converting Colors

$Yxy(43.7766, 0.2844, 0.2501)$

Have a look what the booklet for
Yxy(43.7766, 0.2844, 0.2501)
contains.

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Color

Yxy(43.6579, 0.2843, 0.2498)

Conversions

Conversions Part 1

Format	Color
Hex	C1A4E7
RGB	193, 164, 231
RGB Percent	76%, 64%, 91%
CMY	0.2433, 0.3568, 0.0940
CMYK	0.16, 0.29, 0.00, 0.09
HSL	266°, 58%, 77%
HSV	266°, 29%, 91%
XYZ	49.6875, 43.6579, 81.4260
YIQ	180.3090, -4.2230, 26.9850

Conversions

Conversions Part 2

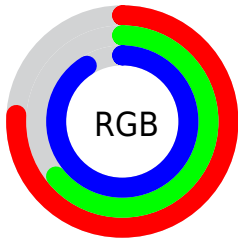
Format	Color
R _Y B	193, 164, 231
Decimal	12690663
CIE Lab	72.00, 23.48, -29.81
CIE LCh	72, 37.948, 308.220
Yxy	43.6579, 0.2843, 0.2498
Android (android.graphics.Color)	4290880743 (0xFFC1A4E7)
YUV	180.3090, 24.9907, 11.1300
Hunter-Lab	66.0741, 18.6017, -26.8137

Details

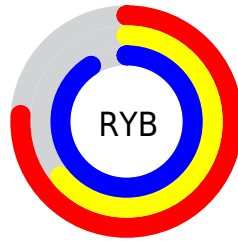
The Yxy color $43.6579, 0.2843, 0.2498$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72.4121, 0.3351, 0.4067$, and the grayscale version is $45.6810, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2070, 0.3109, 0.2936$, and $20.1725, 0.2762, 0.2305$ is the 20% darker color. If you saturate the color by 10%, you get $34.4793, 0.2717, 0.2193$, and if you desaturate by 10%, it is $54.4949, 0.2955, 0.2790$.

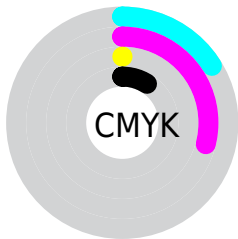
Distribution



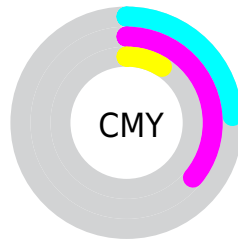
- Red (76%)
- Green (64%)
- Blue (91%)



- Red (76%)
- Yellow (64%)
- Blue (91%)



- Cyan (16%)
- Magenta (29%)
- Yellow (0%)
- Black (9%)




- Cyan (24%)
- Magenta (36%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6579, 0.2843, 0.2498 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 43.6579, 0.2843, 0.2498 by changing the saturation by 10% instead.


 43.6579, 0.2843,
0.2498


 43.6579, 0.2843,
0.2498


361.3104, 0.2991,
0.2875

 30.4017, 0.2805,
0.2410


 80.7027, 0.2898,
0.2630

 20.1437, 0.2756,
0.2301


 105.2601, 0.2918,
0.2681

 12.4995, 0.2689,
0.2162

134.3533, 0.2935,
0.2725

 7.0848, 0.2597,
0.1979

168.3667, 0.2950,
0.2763

 3.5152, 0.2460,
0.1732

207.6847, 0.2962,
0.2796

 1.4063, 0.2241,
0.1383

252.6917, 0.2973,

 0.2213, 0.1925,

0.2826

0.0544

303.7722, 0.2983,
0.2852

0.0000, 0.0000,
0.0000

43.6579, 0.2843,
0.2498

43.6579, 0.2843,
0.2498

34.4793, 0.2717,
0.2193

54.4949, 0.2955,
0.2790

26.8685, 0.2580,
0.1886

67.0641, 0.3052,
0.3064

20.7339, 0.2434,
0.1590

81.4410, 0.3135,
0.3314

15.9723, 0.2285,
0.1322

96.7840, 0.3206,
0.3527

12.4662, 0.2142,
0.1098

98.5508, 0.3268,
0.3522

■ 10.0772, 0.2010,
0.0931

■ 8.5947, 0.1895,
0.0821

■ 8.4700, 0.1884,
0.0812

Harmonies

Analogous

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



43.6579, 0.2416, 0.2435



43.6579, 0.2843, 0.2498



43.6579, 0.3388, 0.2731

Triad

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



43.6579, 0.2843, 0.2498



43.6579, 0.4153, 0.3917



43.6579, 0.2393, 0.3442

Complementary

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



43.6579, 0.2843, 0.2498



72.4121, 0.3351, 0.4067

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.



43.6579, 0.2812, 0.3965



43.6579, 0.2843, 0.2498



43.6579, 0.3834, 0.4212

Square

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



43.6579, 0.2843, 0.2498



43.6579, 0.4184, 0.3508



43.6579, 0.3340, 0.4256



43.6579, 0.2174, 0.2924

Rectangle

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



43.6579, 0.2843, 0.2498



43.6579, 0.3743, 0.2959



43.6579, 0.3340, 0.4256



43.6579, 0.2514, 0.3628

Sweetspot

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



43.6597, 0.2843, 0.2498



83.8327, 0.3051, 0.3062



56.4251, 0.2671, 0.2949



17.4218, 0.3038, 0.3024



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.



43.6597, 0.2843, 0.2498



47.2833, 0.2767, 0.2310



48.4048, 0.3113, 0.2559



14.1901, 0.3048, 0.3052



4.8175, 0.1901, 0.0821



0.4100, 0.2064, 0.0911

Inverse Universe

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



47.8161, 0.3410, 0.2865



53.4221, 0.3491, 0.2772



68.3471, 0.3124, 0.4124



14.5045, 0.3204, 0.3157



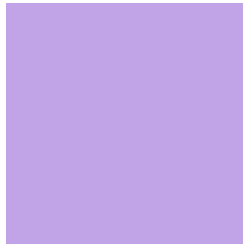
10.4712, 0.4669, 0.2345



0.7923, 0.4397, 0.2196

Previews

White Background



This preview shows how the Yxy color 43.6579, 0.2843, 0.2498 looks on a white background.

Color Contrast Check

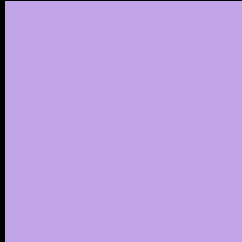
Large Text (above 18pt) WCAG AA × Fail

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 43.6579, 0.2843, 0.2498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

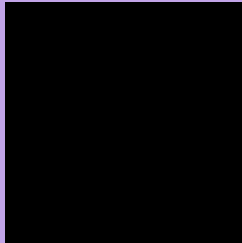
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6579, 0.2843, 0.2498

Background



This preview shows how black text looks on a background with the Yxy color 43.6579, 0.2843, 0.2498.



This preview shows how white text looks on a background with the Yxy color 43.6579, 0.2843, 0.2498.

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

43.6579, 0.2843, 0.2498

Protanopia

43.7732, 0.2542, 0.2482

Deuteranopia

44.0362, 0.2658, 0.2601



Tritanopia

43.7466, 0.3126, 0.3121

Trichromacy



Original Color

43.6579, 0.2843, 0.2498

Protanomaly

43.4635, 0.2645, 0.2483

Deuteranomaly

43.6927, 0.2721, 0.2554

Tritanomaly

43.7051, 0.3024, 0.2887

Monochromacy



Original Color

43.6579, 0.2843, 0.2498

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7099, 0.3022, 0.2972

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6579, 0.2843, 0.2498 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(193, 164, 231)` looks like.

```
.text, #text, p{  
    color:rgb(193, 164, 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(193, 164, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 164, 231) }
```

Border

The CSS property to change the border of an element to Yxy 43.6579, 0.2843, 0.2498 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(193, 164, 231) }
```

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

```
.border{ border-color:rgb(193, 164, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 164, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 164, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 164, 231);  
box-shadow:4px 4px 4px 4px rgb(193, 164,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6579, 0.2843, 0.2498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 164, 231) }
```

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

```
.background{ background-color: rgb(193,  
164, 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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