

Converting Colors

$Y_{xy}(44.7983, 0.3265, 0.2804)$

Have a look what the booklet for
Yxy(44.7983, 0.3265, 0.2804)
contains.

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Color

Yxy(44.7992, 0.3259, 0.2801)

Conversions

Conversions Part 1

Format	Color
Hex	D8A2CC
RGB	216, 162, 204
RGB Percent	85%, 64%, 80%
CMY	0.1532, 0.3646, 0.2001
CMYK	0.00, 0.25, 0.06, 0.15
HSL	313°, 41%, 74%
HSV	313°, 25%, 85%
XYZ	52.1245, 44.7992, 63.0164
YIQ	182.9340, 18.7020, 24.5100

Conversions

Conversions Part 2

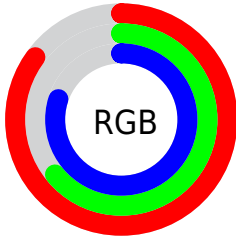
Format	Color
R _Y B	216, 162, 204
Decimal	14197452
CIE Lab	72.76, 26.68, -13.64
CIE LCh	73, 29.964, 332.926
Yxy	44.7992, 0.3259, 0.2801
Android (android.graphics.Color)	4292387532 (0xFFD8A2CC)
YUV	182.9340, 10.3855, 28.9989
Hunter-Lab	66.9322, 21.8782, -8.9687

Details

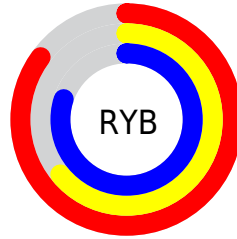
The Yxy color **44.7992, 0.3259, 0.2801** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.8240, 0.3018, 0.3834**, and the grayscale version is **47.2496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **20.9309, 0.3295, 0.2675** is the 20% darker color. If you saturate the color by 10%, you get **37.6072, 0.3326, 0.2602**, and if you desaturate by 10%, it is **53.3086, 0.3200, 0.3001**.

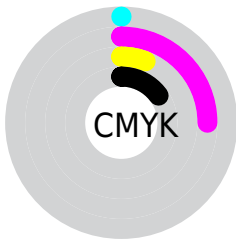
Distribution



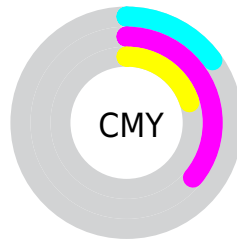
- Red (85%)
- Green (64%)
- Blue (80%)



- Red (85%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (25%)
- Yellow (6%)
- Black (15%)




- Cyan (15%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7992, 0.3259, 0.2801 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 44.7992, 0.3259, 0.2801 by changing the saturation by 10% instead.


 44.7992, 0.3259,
0.2801

 44.7992, 0.3259,
0.2801


365.9597, 0.3197,
0.3037

 31.2993, 0.3273,
0.2745


 82.4190, 0.3237,
0.2885

 20.8269, 0.3291,
0.2673


 107.3077, 0.3229,
0.2917

 12.9975, 0.3313,
0.2581

136.7614, 0.3222,
0.2944

 7.4268, 0.3343,
0.2457

171.1646, 0.3216,
0.2968

 3.7304, 0.3382,
0.2281

210.9016, 0.3210,
0.2989

 1.5239, 0.3437,
0.2015

256.3569, 0.3205,

 0.3055, 0.3673,

0.3007

0.1187

307.9148, 0.3201,
0.3023

0.0000, 0.0000,
0.0000

44.7992, 0.3259,
0.2801

44.7992, 0.3259,
0.2801

37.6072, 0.3326,
0.2602

53.3086, 0.3200,
0.3001

31.6599, 0.3400,
0.2410

63.1916, 0.3150,
0.3196

26.8866, 0.3481,
0.2237

74.5082, 0.3106,
0.3382

23.2071, 0.3568,
0.2091

87.3131, 0.3069,
0.3557

20.5310, 0.3656,
0.1982

91.7085, 0.3041,
0.3572

■ 18.7534, 0.3745,
0.1919

■ 91.9782, 0.3014,
0.3521

■ 17.7463, 0.3830,
0.1903

■ 92.2554, 0.2988,
0.3471

■ 17.4192, 0.3872,
0.1907

■ 92.5400, 0.2962,
0.3420

■ 92.8321, 0.2936,
0.3370

Harmonies

Analogous

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



44.7992, 0.2838, 0.2634



44.7992, 0.3259, 0.2801



44.7992, 0.3668, 0.3079

Triad

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



44.7992, 0.3259, 0.2801



44.7992, 0.3748, 0.3990



44.7992, 0.2385, 0.3077

Complementary

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



44.7992, 0.3259, 0.2801



59.8240, 0.3018, 0.3834

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.



44.7992, 0.2597, 0.3489



44.7992, 0.3259, 0.2801



44.7992, 0.3378, 0.4049

Square

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



44.7992, 0.3259, 0.2801



44.7992, 0.3956, 0.3747



44.7992, 0.2957, 0.3864



44.7992, 0.2357, 0.2766

Rectangle

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



44.7992, 0.3259, 0.2801



44.7992, 0.3866, 0.3301



44.7992, 0.2957, 0.3864



44.7992, 0.2436, 0.3208

Sweetspot

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



44.8012, 0.3259, 0.2801



88.8828, 0.3160, 0.3156



39.7725, 0.2794, 0.2602



18.8299, 0.3163, 0.3144



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.



44.8012, 0.3259, 0.2801



59.4749, 0.3293, 0.2694



43.6289, 0.3504, 0.3107



12.5833, 0.3171, 0.3110



10.3331, 0.3860, 0.1900



0.6351, 0.3725, 0.1826

Inverse Universe

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



44.8012, 0.3259, 0.2801



59.4749, 0.3293, 0.2694



60.9698, 0.2853, 0.3482



12.5833, 0.3171, 0.3110



10.3331, 0.3860, 0.1900



0.6351, 0.3725, 0.1826

Previews

White Background



This preview shows how the Yxy color 44.7992, 0.3259, 0.2801 looks on a white background.

Color Contrast Check

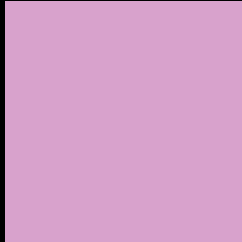
Large Text (above 18pt) WCAG AA × Fail

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 44.7992, 0.3259, 0.2801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

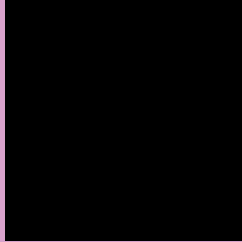
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7992, 0.3259, 0.2801

Background



This preview shows how black text looks on a background with the Yxy color 44.7992, 0.3259, 0.2801.



This preview shows how white text looks on a background with the Yxy color 44.7992, 0.3259, 0.2801.

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

44.7992, 0.3259, 0.2801

Protanopia

44.9572, 0.2799, 0.2818

Deuteranopia

44.8507, 0.2998, 0.2936



Tritanopia

44.6732, 0.3452, 0.3134

Trichromacy



Original Color

44.7992, 0.3259, 0.2801

Protanomaly

44.7230, 0.2953, 0.2817

Deuteranomaly

44.7970, 0.3085, 0.2884

Tritanomaly

44.8372, 0.3381, 0.3016

Monochromacy



Original Color

44.7992, 0.3259, 0.2801

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.0236, 0.3172, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7992, 0.3259, 0.2801 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(216, 162, 204)` looks like.

```
.text, #text, p{  
    color:rgb(216, 162, 204)  
}
```

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(216, 162, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 162, 204) }
```

Border

The CSS property to change the border of an element to Yxy 44.7992, 0.3259, 0.2801 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(216, 162, 204) }
```

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

```
.border{ border-color:rgb(216, 162, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 162, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 162, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 162, 204); box-shadow:4px 4px 4px 4px rgb(216, 162, 204) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7992, 0.3259, 0.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 162, 204) }
```

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

```
.background{ background-color: rgb(216,  
162, 204) }
```

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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