

Converting Colors

Yxy(43.8944, 0.3201, 0.2811)

Have a look what the booklet for
Yxy(43.8944, 0.3201, 0.2811)
contains.

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Color

Yxy(44.0615, 0.3204, 0.2814)

Conversions

Conversions Part 1

Format	Color
Hex	D1A3CB
RGB	209, 163, 203
RGB Percent	82%, 64%, 80%
CMY	0.1804, 0.3607, 0.2040
CMYK	0.00, 0.22, 0.03, 0.18
HSL	308°, 33%, 73%
HSV	308°, 22%, 82%
XYZ	50.1681, 44.0615, 62.3500
YIQ	181.3140, 14.5760, 22.1920

Conversions

Conversions Part 2

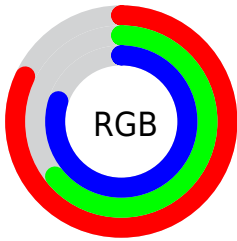
Format	Color
R_{YB}	209, 163, 203
Decimal	13738955
CIE _{Lab}	72.27, 23.61, -13.89
CIE _{LCh}	72, 27.391, 329.523
Yxy	44.0615, 0.3204, 0.2814
Android (android.graphics.Color)	4291929035 (0xFFD1A3CB)
YUV	181.3140, 10.6912, 24.2806
Hunter-Lab	66.3788, 18.7446, -9.2262

Details

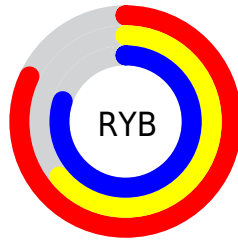
The Yxy color **44.0615, 0.3204, 0.2814** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.2510, 0.3059, 0.3818**, and the grayscale version is **46.3229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **20.4088, 0.3218, 0.2688** is the 20% darker color. If you saturate the color by 10%, you get **37.1153, 0.3246, 0.2594**, and if you desaturate by 10%, it is **52.2402, 0.3166, 0.3034**.

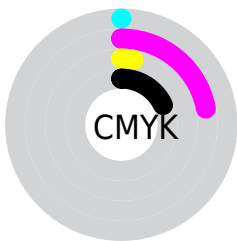
Distribution



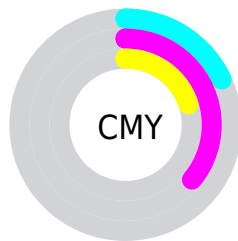
- Red (82%)
- Green (64%)
- Blue (80%)



- Red (82%)
- Yellow (64%)
- Blue (80%)



- Cyan (0%)
- Magenta (22%)
- Yellow (3%)
- Black (18%)





- Cyan (18%)
- Magenta (36%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0615, 0.3204, 0.2814 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 44.0615, 0.3204, 0.2814 by changing the saturation by 10% instead.


 44.0615, 0.3204,
0.2814

 44.0615, 0.3204,
0.2814


362.9592, 0.3169,
0.3045

 30.7189, 0.3212,
0.2758


 81.3103, 0.3192,
0.2896

 20.3849, 0.3221,
0.2688

 105.9852, 0.3187,
0.2928

 12.6751, 0.3232,
0.2597

135.2064, 0.3183,
0.2954

 7.2052, 0.3246,
0.2474


169.3581, 0.3180,
0.2978

 3.5908, 0.3263,
0.2298

208.8249, 0.3177,
0.2998

 1.4474, 0.3281,
0.2029

253.9911, 0.3174,

 0.2513, 0.3484,

0.3015

0.1074

305.2410, 0.3171,
0.3031

0.0000, 0.0000,
0.0000

44.0615, 0.3204,
0.2814

44.0615, 0.3204,
0.2814

37.1153, 0.3246,
0.2594

52.2402, 0.3166,
0.3034

31.3357, 0.3291,
0.2382

61.7018, 0.3133,
0.3248

26.6593, 0.3340,
0.2187

72.5007, 0.3104,
0.3453

23.0145, 0.3391,
0.2019

84.6867, 0.3079,
0.3644

20.3209, 0.3441,
0.1887

90.0656, 0.3061,
0.3699

■ 18.4866, 0.3491,
0.1797

■ 90.2086, 0.3046,
0.3669

■ 17.4015, 0.3537,
0.1752

■ 90.3540, 0.3031,
0.3639

■ 16.9186, 0.3572,
0.1742

■ 90.5018, 0.3016,
0.3610

■ 90.6519, 0.3001,
0.3580

Harmonies

Analogous

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



44.0615, 0.2822, 0.2674



44.0615, 0.3204, 0.2814



44.0615, 0.3587, 0.3063

Triad

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



44.0615, 0.3204, 0.2814



44.0615, 0.3730, 0.3918



44.0615, 0.2456, 0.3137

Complementary

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



44.0615, 0.3204, 0.2814



56.2510, 0.3059, 0.3818

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.



44.0615, 0.2671, 0.3517



44.0615, 0.3204, 0.2814



44.0615, 0.3403, 0.3990

Square

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



44.0615, 0.3204, 0.2814



44.0615, 0.3898, 0.3683



44.0615, 0.3015, 0.3844



44.0615, 0.2409, 0.2834

Rectangle

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



44.0615, 0.3204, 0.2814



44.0615, 0.3781, 0.3267



44.0615, 0.3015, 0.3844



44.0615, 0.2510, 0.3260

Sweetspot

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



44.0634, 0.3204, 0.2814



88.9859, 0.3150, 0.3140



39.1671, 0.2802, 0.2688



18.8538, 0.3152, 0.3127



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.



44.0634, 0.3204, 0.2814



64.2007, 0.3221, 0.2719



43.0737, 0.3405, 0.3075



11.9814, 0.3157, 0.3090



10.4426, 0.3566, 0.1738



0.5915, 0.3492, 0.1697

Inverse Universe

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



44.0634, 0.3204, 0.2814



64.2007, 0.3221, 0.2719



57.1634, 0.2913, 0.3517



11.9814, 0.3157, 0.3090



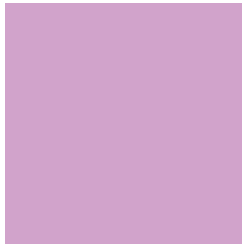
10.4426, 0.3566, 0.1738



0.5915, 0.3492, 0.1697

Previews

White Background



This preview shows how the Yxy color 44.0615, 0.3204, 0.2814 looks on a white background.

Color Contrast Check

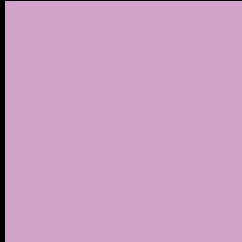
Large Text (above 18pt) WCAG AA × Fail

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 44.0615, 0.3204, 0.2814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

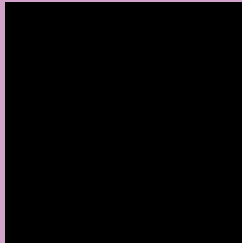
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0615, 0.3204, 0.2814

Background



This preview shows how black text looks on a background with the Yxy color 44.0615, 0.3204, 0.2814.



This preview shows how white text looks on a background with the Yxy color 44.0615, 0.3204, 0.2814.

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

44.0615, 0.3204, 0.2814

Protanopia

44.3502, 0.2804, 0.2827

Deuteranopia

44.2945, 0.2997, 0.2934



Tritanopia

44.0545, 0.3376, 0.3130

Trichromacy



Original Color

44.0615, 0.3204, 0.2814

Protanomaly

43.9196, 0.2936, 0.2813

Deuteranomaly

43.9777, 0.3067, 0.2880

Tritanomaly

44.1687, 0.3314, 0.3022

Monochromacy



Original Color

44.0615, 0.3204, 0.2814

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0226, 0.3154, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0615, 0.3204, 0.2814 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(209, 163, 203)` looks like.

```
.text, #text, p{  
    color:rgb(209, 163, 203)  
}
```

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(209, 163, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 163, 203) }
```

Border

The CSS property to change the border of an element to Yxy 44.0615, 0.3204, 0.2814 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(209, 163, 203) }
```

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

```
.border{ border-color:rgb(209, 163, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 163, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 163, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 163, 203);  
box-shadow:4px 4px 4px 4px rgb(209, 163,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0615, 0.3204, 0.2814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 163, 203) }
```

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

```
.background{ background-color: rgb(209,  
163, 203) }
```

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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