

Converting Colors

$Y_{xy}(44.2965, 0.3113, 0.2651)$

Have a look what the booklet for
Yxy(44.2965, 0.3113, 0.2651)
contains.

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Color

Yxy(44.2965, 0.3113, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	D3A1D8
RGB	211, 161, 216
RGB Percent	83%, 63%, 85%
CMY	0.1723, 0.3687, 0.1529
CMYK	0.02, 0.25, 0.00, 0.15
HSL	295°, 41%, 74%
HSV	295°, 25%, 85%
XYZ	52.0162, 44.2965, 70.7808
YIQ	182.2200, 12.1450, 27.7050

Conversions

Conversions Part 2

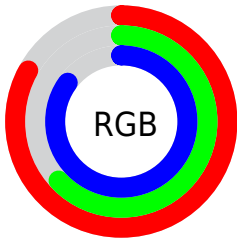
Format	Color
R_{YB}	211, 161, 216
Decimal	13869528
CIE _{Lab}	72.43, 27.83, -20.79
CIE _{LCh}	72, 34.744, 323.237
Yxy	44.2965, 0.3113, 0.2651
Android (android.graphics.Color)	4292059608 (0xFFD3A1D8)
YUV	182.2200, 16.6535, 25.2401
Hunter-Lab	66.5556, 23.0335, -16.4650

Details

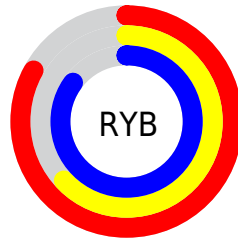
The Yxy color **44.2965, 0.3113, 0.2651** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.7896, 0.3128, 0.4005**, and the grayscale version is **46.8107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5917, 0.3145, 0.2910**, and **20.5784, 0.3103, 0.2493** is the 20% darker color. If you saturate the color by 10%, you get **37.1052, 0.3103, 0.2398**, and if you desaturate by 10%, it is **52.7991, 0.3120, 0.2906**.

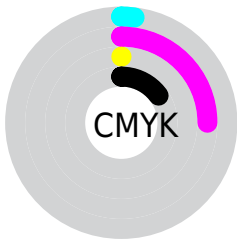
Distribution



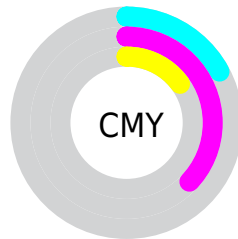
- Red (83%)
- Green (63%)
- Blue (85%)



- Red (83%)
- Yellow (63%)
- Blue (85%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (15%)





- Cyan (17%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2965, 0.3113, 0.2651 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 44.2965, 0.3113, 0.2651 by changing the saturation by 10% instead.


 44.2965, 0.3113,
0.2651

 44.2965, 0.3113,
0.2651


363.9168, 0.3126,
0.2957

 30.9037, 0.3108,
0.2579


 81.6637, 0.3119,
0.2759

 20.5255, 0.3101,
0.2489


 106.4069, 0.3121,
0.2800

 12.7776, 0.3089,
0.2373


135.7023, 0.3123,
0.2836

 7.2756, 0.3071,
0.2220

169.9344, 0.3124,
0.2866

 3.6350, 0.3039,
0.2006

209.4875, 0.3125,
0.2893

 1.4716, 0.2976,
0.1694

254.7460, 0.3125,

 0.2686, 0.2947,

0.2917


0.0844


306.0943, 0.3126,
0.2938


 0.0000, 0.0000,
0.0000

 44.2965, 0.3113,
0.2651

 44.2965, 0.3113,
0.2651


 37.1052, 0.3103,
0.2398


 52.7991, 0.3120,
0.2906

 31.1526, 0.3090,
0.2157


 62.6697, 0.3125,
0.3157


 26.3673, 0.3075,
0.1938

 73.9682, 0.3128,
0.3397

 22.6688, 0.3057,
0.1750

 86.7497, 0.3130,
0.3623

 19.9661, 0.3036,
0.1602

 91.8160, 0.3137,
0.3698

■ 18.1534, 0.3014,
0.1497

■ 92.1226, 0.3150,
0.3696

■ 17.1009, 0.2992,
0.1435

■ 92.4328, 0.3162,
0.3695

■ 16.7700, 0.2981,
0.1416

■ 92.7465, 0.3174,
0.3693

■ 93.0638, 0.3186,
0.3692

Harmonies

Analogous

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



44.2965, 0.2653, 0.2511



44.2965, 0.3113, 0.2651



44.2965, 0.3613, 0.2931

Triad

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



44.2965, 0.3113, 0.2651



44.2965, 0.3948, 0.4023



44.2965, 0.2328, 0.3184

Complementary

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



44.2965, 0.3113, 0.2651



59.7896, 0.3128, 0.4005

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.



44.2965, 0.2630, 0.3678



44.2965, 0.3113, 0.2651



44.2965, 0.3564, 0.4185

Square

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



44.2965, 0.3113, 0.2651



44.2965, 0.4114, 0.3691



44.2965, 0.3080, 0.4068



44.2965, 0.2229, 0.2775

Rectangle

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



44.2965, 0.3113, 0.2651



44.2965, 0.3889, 0.3171



44.2965, 0.3080, 0.4068



44.2965, 0.2407, 0.3347

Sweetspot

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



44.2984, 0.3113, 0.2651



87.3212, 0.3124, 0.3093



39.9818, 0.2697, 0.2642



18.2123, 0.3124, 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.



44.2984, 0.3113, 0.2651



58.1863, 0.3108, 0.2503



43.9783, 0.3350, 0.2900



12.5732, 0.3124, 0.3059



9.9497, 0.2985, 0.1418



0.6171, 0.3026, 0.1441

Inverse Universe

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



42.8341, 0.3616, 0.3231



55.7127, 0.3771, 0.3217



60.1108, 0.2954, 0.3715



12.4388, 0.3277, 0.3269



8.6767, 0.6292, 0.3240



0.5297, 0.5995, 0.3076

Previews

White Background



This preview shows how the Yxy color 44.2965, 0.3113, 0.2651 looks on a white background.

Color Contrast Check

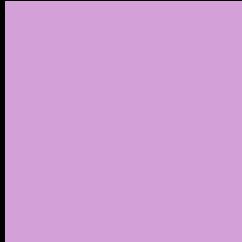
Large Text (above 18pt) WCAG AA × Fail

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 44.2965, 0.3113, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

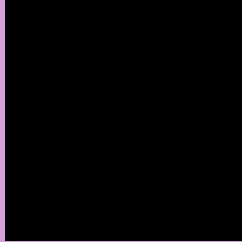
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2965, 0.3113, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 44.2965, 0.3113, 0.2651.



This preview shows how white text looks on a background with the Yxy color 44.2965, 0.3113, 0.2651.

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

44.2965, 0.3113, 0.2651

Protanopia

44.5961, 0.2666, 0.2648

Deuteranopia

44.5921, 0.2851, 0.2786



Tritanopia

44.4633, 0.3365, 0.3130

Trichromacy



Original Color

44.2965, 0.3113, 0.2651

Protanomaly

44.3986, 0.2817, 0.2651

Deuteranomaly

44.2294, 0.2940, 0.2726

Tritanomaly

44.2152, 0.3272, 0.2940

Monochromacy



Original Color

44.2965, 0.3113, 0.2651

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.5046, 0.3130, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2965, 0.3113, 0.2651 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(211, 161, 216)` looks like.

```
.text, #text, p{  
    color:rgb(211, 161, 216)  
}
```

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(211, 161, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 161, 216) }
```

Border

The CSS property to change the border of an element to Yxy 44.2965, 0.3113, 0.2651 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(211, 161, 216) }
```

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

```
.border{ border-color:rgb(211, 161, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 161, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 161, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 161, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 161,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2965, 0.3113, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 161, 216) }
```

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

```
.background{ background-color: rgb(211,  
161, 216) }
```

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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