

Converting Colors

$Yxy(44.4087, 0.3006, 0.2681)$

Have a look what the booklet for
Yxy(44.4087, 0.3006, 0.2681)
contains.

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Color

Yxy(44.5616, 0.3008, 0.2682)

Conversions

Conversions Part 1

Format	Color
Hex	C8A6D9
RGB	200, 166, 217
RGB Percent	78%, 65%, 85%
CMY	0.2157, 0.3490, 0.1490
CMYK	0.08, 0.23, 0.00, 0.15
HSL	280°, 40%, 75%
HSV	280°, 23%, 85%
XYZ	49.9781, 44.5616, 71.6109
YIQ	181.9800, 3.8930, 23.0690

Conversions

Conversions Part 2

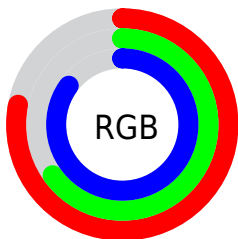
Format	Color
R_{YB}	200, 166, 217
Decimal	13149913
CIE _{Lab}	72.60, 21.66, -21.17
CIE _{LCh}	73, 30.286, 315.664
Yxy	44.5616, 0.3008, 0.2682
Android (android.graphics.Color)	4291339993 (0xFFC8A6D9)
YUV	181.9800, 17.2649, 15.8035
Hunter-Lab	66.7545, 16.8200, -16.8753

Details

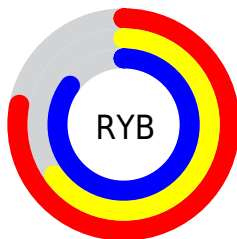
The Yxy color $44.5616, 0.3008, 0.2682$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $62.4472, 0.3220, 0.3925$, and the grayscale version is $46.6711, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.1929, 0.3143, 0.2960$, and $20.7543, 0.2973, 0.2529$ is the 20% darker color. If you saturate the color by 10%, you get $36.3552, 0.2942, 0.2405$, and if you desaturate by 10%, it is $54.1500, 0.3065, 0.2951$.

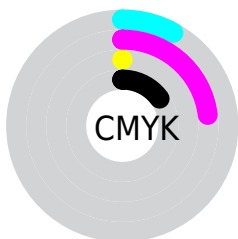
Distribution



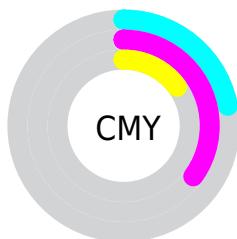
- Red (78%)
- Green (65%)
- Blue (85%)



- Red (78%)
- Yellow (65%)
- Blue (85%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (15%)





- Cyan (22%)
- Magenta (35%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5616, 0.3008, 0.2682 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 44.5616, 0.3008, 0.2682 by changing the saturation by 10% instead.


 44.5616, 0.3008,
0.2682


 44.5616, 0.3008,
0.2682


364.9951, 0.3072,
0.2974

 31.1123, 0.2991,
0.2613


 82.0622, 0.3032,
0.2786

 20.6843, 0.2968,
0.2526

 106.8822, 0.3041,
0.2825

 12.8935, 0.2936,
0.2414


136.2612, 0.3049,
0.2859

 7.3552, 0.2891,
0.2264

170.5836, 0.3055,
0.2888

 3.6852, 0.2820,
0.2055

210.2338, 0.3060,
0.2914

 1.4991, 0.2699,
0.1747

255.5962, 0.3065,

 0.2881, 0.2553,

0.2936

0.0916

307.0552, 0.3069,
0.2956

0.0000, 0.0000,
0.0000

44.5616, 0.3008,
0.2682

44.5616, 0.3008,
0.2682

36.3552, 0.2942,
0.2405

54.1500, 0.3065,
0.2951

29.4577, 0.2868,
0.2129

65.1774, 0.3112,
0.3205

23.7978, 0.2786,
0.1863

77.7046, 0.3152,
0.3442

19.2949, 0.2698,
0.1620

91.7869, 0.3185,
0.3659

15.8588, 0.2607,
0.1412

94.3929, 0.3229,
0.3675

■ 13.3851, 0.2517,
0.1249

■ 95.6581, 0.3276,
0.3670

■ 11.7479, 0.2429,
0.1135

■ 96.9741, 0.3323,
0.3664

■ 10.9959, 0.2375,
0.1082

■ 97.7897, 0.3352,
0.3661

Harmonies

Analogous

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



44.5616, 0.2630, 0.2596



44.5616, 0.3008, 0.2682



44.5616, 0.3446, 0.2904

Triad

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



44.5616, 0.3008, 0.2682



44.5616, 0.3903, 0.3873



44.5616, 0.2478, 0.3309

Complementary

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



44.5616, 0.3008, 0.2682



62.4472, 0.3220, 0.3925

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.



44.5616, 0.2786, 0.3726



44.5616, 0.3008, 0.2682



44.5616, 0.3610, 0.4053

Square

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



44.5616, 0.3008, 0.2682



44.5616, 0.3983, 0.3564



44.5616, 0.3199, 0.4010



44.5616, 0.2341, 0.2922

Rectangle

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



44.5616, 0.3008, 0.2682



44.5616, 0.3707, 0.3106



44.5616, 0.3199, 0.4010



44.5616, 0.2564, 0.3452

Sweetspot

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



44.5635, 0.3008, 0.2682



88.0237, 0.3096, 0.3116



47.3382, 0.2748, 0.2867



18.6304, 0.3093, 0.3101



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.



44.5635, 0.3008, 0.2682



58.3553, 0.2978, 0.2551



46.6476, 0.3219, 0.2790



13.0460, 0.3085, 0.3056



6.7164, 0.2387, 0.1089



0.4815, 0.2523, 0.1164

Inverse Universe

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



45.4463, 0.3452, 0.3088



59.9002, 0.3539, 0.3045



60.7753, 0.3048, 0.3847



13.1228, 0.3240, 0.3212



9.2336, 0.5629, 0.2874



0.6139, 0.5168, 0.2620

Previews

White Background



This preview shows how the Yxy color 44.5616, 0.3008, 0.2682 looks on a white background.

Color Contrast Check

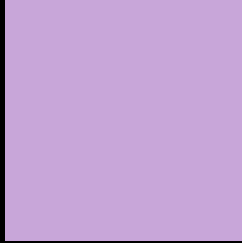
Large Text (above 18pt) WCAG AA × Fail

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 44.5616, 0.3008, 0.2682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

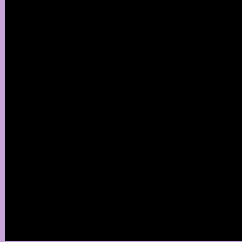
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5616, 0.3008, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 44.5616, 0.3008, 0.2682.



This preview shows how white text looks on a background with the Yxy color 44.5616, 0.3008, 0.2682.

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

44.5616, 0.3008, 0.2682

Protanopia

44.6480, 0.2700, 0.2684

Deuteranopia

44.5255, 0.2836, 0.2773



Tritanopia

44.6099, 0.3224, 0.3126

Trichromacy



Original Color

44.5616, 0.3008, 0.2682

Protanomaly

44.3092, 0.2808, 0.2682

Deuteranomaly

44.3980, 0.2892, 0.2733

Tritanomaly

44.6510, 0.3143, 0.2956

Monochromacy



Original Color

44.5616, 0.3008, 0.2682

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8096, 0.3087, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5616, 0.3008, 0.2682 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(200, 166, 217)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 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(200, 166, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 217) }
```

Border

The CSS property to change the border of an element to Yxy 44.5616, 0.3008, 0.2682 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(200, 166, 217) }
```

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

```
.border{ border-color:rgb(200, 166, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 166, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 217);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5616, 0.3008, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 217) }
```

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

```
.background{ background-color: rgb(200,  
166, 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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