

Converting Colors

$Y_{xy}(43.9577, 0.3204, 0.2992)$

Have a look what the booklet for
Yxy(43.9577, 0.3204, 0.2992)
contains.

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Color

Yxy(43.9531, 0.3204, 0.2992)

Conversions

Conversions Part 1	
Format	Color
Hex	C7A8C0
RGB	199, 168, 192
RGB Percent	78%, 66%, 75%
CMY	0.2197, 0.3411, 0.2470
CMYK	0.00, 0.16, 0.03, 0.22
HSL	313°, 22%, 72%
HSV	313°, 16%, 78%
XYZ	47.0674, 43.9531, 55.8815
YIQ	180.0050, 10.7720, 14.0360

Conversions

Conversions Part 2

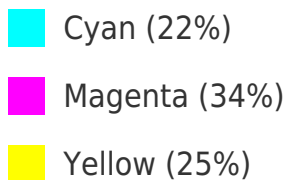
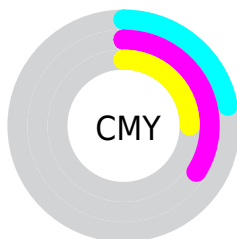
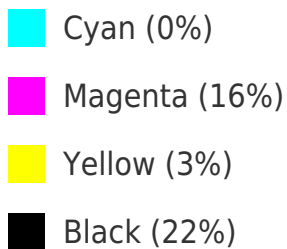
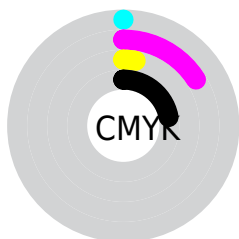
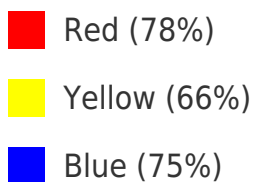
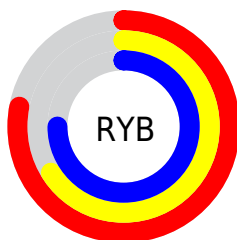
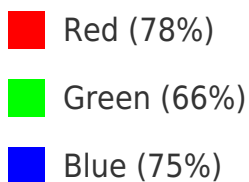
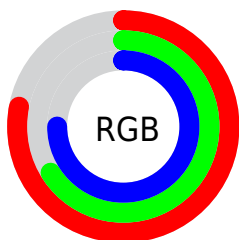
Format	Color
RYB	199, 168, 192
Decimal	13084864
CIELab	72.20, 15.42, -8.06
CIELCh	72, 17.398, 332.389
Yxy	43.9531, 0.3204, 0.2992
Android (android.graphics.Color)	4291274944 (0xFFC7A8C0)
YUV	180.0050, 5.9135, 16.6586
Hunter-Lab	66.2971, 10.7055, -3.5673

Details

The Yxy color $43.9531, 0.3204, 0.2992$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $52.2576, 0.3059, 0.3608$, and the grayscale version is $45.6084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.8127, 0.3187, 0.3046$, and $20.3746, 0.3220, 0.2905$ is the 20% darker color. If you saturate the color by 10%, you get $36.9657, 0.3263, 0.2793$, and if you desaturate by 10%, it is $52.0746, 0.3153, 0.3186$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9531, 0.3204, 0.2992 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 43.9531, 0.3204, 0.2992 by changing the saturation by 10% instead.


 43.9531, 0.3204,
0.2992


 43.9531, 0.3204,
0.2992

362.5169, 0.3167,
0.3139

 30.6336, 0.3213,
0.2956

 81.1472, 0.3191,
0.3045

 20.3200, 0.3224,
0.2910


 105.7906, 0.3186,
0.3065

 12.6279, 0.3239,
0.2849

134.9774, 0.3181,
0.3082

 7.1728, 0.3258,
0.2766

169.0920, 0.3178,
0.3097

 3.5704, 0.3286,
0.2643

208.5189, 0.3174,
0.3109

 1.4363, 0.3329,
0.2448


253.6424, 0.3172,


 0.2432, 0.3618,


0.3120

0.1448


304.8469, 0.3169,
0.3130


 0.0000, 0.0000,
0.0000


 43.9531, 0.3204,
0.2992


 43.9531, 0.3204,
0.2992

 36.9657, 0.3263,
0.2793


 52.0746, 0.3153,
0.3186

 31.0555, 0.3331,
0.2596


 61.3721, 0.3108,
0.3371


 26.1697, 0.3406,
0.2407


 71.8926, 0.3071,
0.3545

 22.2485, 0.3488,
0.2235


 83.6787, 0.3040,
0.3707

 19.2259, 0.3575,
0.2091


 88.5341, 0.3014,
0.3732

 17.0276, 0.3665,
0.1985


 88.7664, 0.2989,
0.3682


 15.5674, 0.3754,
0.1923

 89.0050, 0.2965,
0.3632

 14.7390, 0.3841,
0.1908

 89.2500, 0.2941,
0.3582

 14.4806, 0.3878,
0.1910

 89.5014, 0.2917,
0.3533

Harmonies

Analogous

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



43.9531, 0.2956, 0.2892



43.9531, 0.3204, 0.2992



43.9531, 0.3439, 0.3164

Triad

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



43.9531, 0.3204, 0.2992



43.9531, 0.3498, 0.3702



43.9531, 0.2684, 0.3179

Complementary

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



43.9531, 0.3204, 0.2992



52.2576, 0.3059, 0.3608

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.



43.9531, 0.2819, 0.3412



43.9531, 0.3204, 0.2992



43.9531, 0.3286, 0.3724

Square

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



43.9531, 0.3204, 0.2992



43.9531, 0.3612, 0.3568



43.9531, 0.3037, 0.3618



43.9531, 0.2664, 0.2989

Rectangle

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



43.9531, 0.3204, 0.2992



43.9531, 0.3553, 0.3302



43.9531, 0.3037, 0.3618



43.9531, 0.2717, 0.3255

Sweetspot

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



43.9550, 0.3204, 0.2992



91.9499, 0.3150, 0.3195



41.2134, 0.2934, 0.2884



19.4481, 0.3154, 0.3182



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.



43.9550, 0.3204, 0.2992



72.2061, 0.3225, 0.2919



43.3143, 0.3338, 0.3180



10.7742, 0.3171, 0.3113



9.3272, 0.3867, 0.1904



0.4520, 0.3704, 0.1814

Inverse Universe

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



43.9550, 0.3204, 0.2992



72.2061, 0.3225, 0.2919



52.8902, 0.2953, 0.3403



10.7742, 0.3171, 0.3113



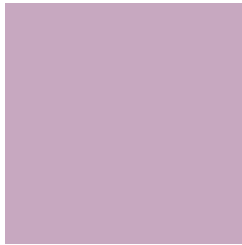
9.3272, 0.3867, 0.1904



0.4520, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 43.9531, 0.3204, 0.2992 looks on a white background.

Color Contrast Check

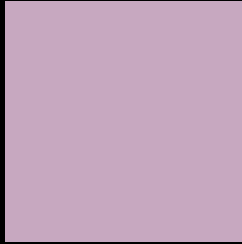
Large Text (above 18pt) WCAG AA × Fail

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 43.9531, 0.3204, 0.2992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

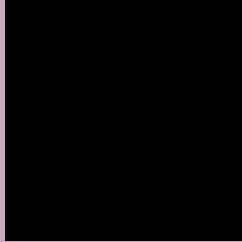
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9531, 0.3204, 0.2992

Background



This preview shows how black text looks on a background with the Yxy color 43.9531, 0.3204, 0.2992.



This preview shows how white text looks on a background with the Yxy color 43.9531, 0.3204, 0.2992.

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

43.9531, 0.3204, 0.2992

Protanopia

44.0806, 0.2945, 0.3015

Deuteranopia

43.9580, 0.3112, 0.3047



Tritanopia

44.1741, 0.3271, 0.3127

Trichromacy



Original Color
43.9531, 0.3204, 0.2992

Protanomaly
43.8946, 0.3036, 0.3007

Deuteranomaly
44.0939, 0.3148, 0.3037

Tritanomaly
43.9269, 0.3246, 0.3077

Monochromacy



Original Color
43.9531, 0.3204, 0.2992

Achromatopsia
45.6411, 0.3127, 0.3290

Achromatomaly
45.0762, 0.3158, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9531, 0.3204, 0.2992 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(199, 168, 192) looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 192)  
}
```

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(199, 168, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.9531, 0.3204, 0.2992 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(199, 168, 192) }
```

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

```
.border{ border-color:rgb(199, 168, 192) }
```

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

Here you see how a box with a 4 pixel rgb(199, 168, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9531, 0.3204, 0.2992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 192) }
```

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

```
.background{ background-color: rgb(199,  
168, 192) }
```

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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