

Converting Colors

$Y_{xy}(49.4096, 0.3210, 0.2788)$

Have a look what the booklet for
Yxy(49.4096, 0.3210, 0.2788)
contains.

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Color

Yxy(49.5617, 0.3211, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	DEABD7
RGB	222, 171, 215
RGB Percent	87%, 67%, 84%
CMY	0.1293, 0.3294, 0.1568
CMYK	0.00, 0.23, 0.03, 0.13
HSL	308°, 44%, 77%
HSV	308°, 23%, 87%
XYZ	56.9587, 49.5617, 70.8658
YIQ	191.2650, 16.2720, 24.4960

Conversions

Conversions Part 2

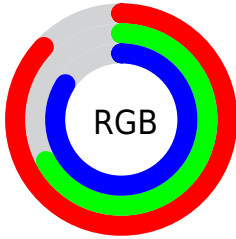
Format	Color
R _Y B	222, 171, 215
Decimal	14592983
CIE Lab	75.80, 25.86, -15.05
CIE LCh	76, 29.918, 329.803
Yxy	49.5617, 0.3211, 0.2794
Android (android.graphics.Color)	4292783063 (0xFFDEABD7)
YUV	191.2650, 11.7014, 26.9546
Hunter-Lab	70.4001, 21.2192, -10.4022

Details

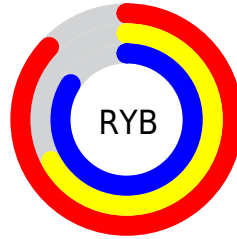
The Yxy color $49.5617, 0.3211, 0.2794$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $64.1244, 0.3053, 0.3842$, and the grayscale version is $52.1880, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.4182, 0.3140, 0.3019$, and $23.6019, 0.3227, 0.2668$ is the 20% darker color. If you saturate the color by 10%, you get $41.7142, 0.3255, 0.2575$, and if you desaturate by 10%, it is $58.8251, 0.3172, 0.3014$.

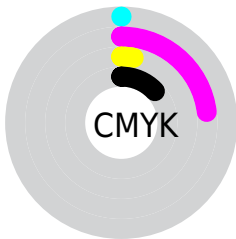
Distribution



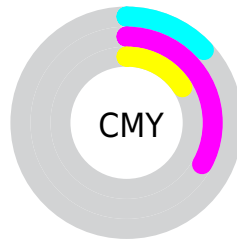
- Red (87%)
- Green (67%)
- Blue (84%)



- Red (87%)
- Yellow (67%)
- Blue (84%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (13%)





- Cyan (13%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5617, 0.3211, 0.2794 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 49.5617, 0.3211, 0.2794 by changing the saturation by 10% instead.


 49.5617, 0.3211,
0.2794

 49.5617, 0.3211,
0.2794


384.9494, 0.3174,
0.3029

 35.0653, 0.3219,
0.2739


 89.5251, 0.3199,
0.2877

 23.7132, 0.3229,
0.2670


115.7609, 0.3194,
0.2909

 15.1210, 0.3240,
0.2582


146.6786, 0.3189,
0.2936

 8.9043, 0.3254,
0.2465

182.6626, 0.3185,
0.2960

 4.6788, 0.3271,
0.2302

224.0973, 0.3182,
0.2980

 2.0601, 0.3291,
0.2062

271.3670, 0.3179,

 0.6420, 0.3325,

0.2999

0.1632

324.8563, 0.3176,
0.3015

0.0000, 0.2575,
0.0000

0.0000, 0.0000,
0.0000

49.5617, 0.3211,
0.2794

49.5617, 0.3211,
0.2794

41.7142, 0.3255,
0.2575

58.8251, 0.3172,
0.3014

35.2058, 0.3303,
0.2365

69.5634, 0.3137,
0.3228

29.9622, 0.3354,
0.2173

81.8400, 0.3106,
0.3432

25.8994, 0.3407,
0.2009

92.6100, 0.3082,
0.3577

■ 22.9230, 0.3461,
0.1882

■ 92.7799, 0.3065,
0.3545

■ 20.9244, 0.3512,
0.1799

■ 92.9528, 0.3048,
0.3513

■ 19.7722, 0.3561,
0.1760

■ 93.1287, 0.3031,
0.3481

■ 19.3187, 0.3594,
0.1754

■ 93.3077, 0.3014,
0.3449

■ 93.4897, 0.2997,
0.3418

Harmonies

Analogous

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



49.5617, 0.2809, 0.2646



49.5617, 0.3211, 0.2794



49.5617, 0.3613, 0.3055

Triad

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



49.5617, 0.3211, 0.2794



49.5617, 0.3757, 0.3950



49.5617, 0.2422, 0.3124

Complementary

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



49.5617, 0.3211, 0.2794



64.1244, 0.3053, 0.3842

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.



49.5617, 0.2646, 0.3524



49.5617, 0.3211, 0.2794



49.5617, 0.3412, 0.4027

Square

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



49.5617, 0.3211, 0.2794



49.5617, 0.3936, 0.3703



49.5617, 0.3005, 0.3872



49.5617, 0.2376, 0.2809

Rectangle

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



49.5617, 0.3211, 0.2794



49.5617, 0.3816, 0.3267



49.5617, 0.3005, 0.3872



49.5617, 0.2478, 0.3254

Sweetspot

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



49.5639, 0.3211, 0.2794



88.9785, 0.3150, 0.3142



43.8401, 0.2791, 0.2656



18.8521, 0.3152, 0.3129



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.



49.5639, 0.3211, 0.2794



61.9800, 0.3233, 0.2679



48.3614, 0.3429, 0.3073



13.9016, 0.3159, 0.3090



11.4850, 0.3588, 0.1750



0.8051, 0.3521, 0.1713

Inverse Universe

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



49.5639, 0.3211, 0.2794



61.9800, 0.3233, 0.2679



65.2368, 0.2898, 0.3518



13.9016, 0.3159, 0.3090



11.4850, 0.3588, 0.1750



0.8051, 0.3521, 0.1713

Previews

White Background



This preview shows how the Yxy color 49.5617, 0.3211, 0.2794 looks on a white background.

Color Contrast Check

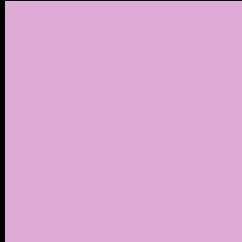
Large Text (above 18pt) WCAG AA × Fail

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 49.5617, 0.3211, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

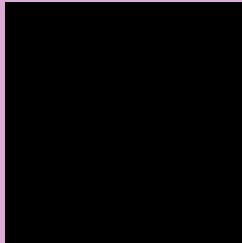
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5617, 0.3211, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 49.5617, 0.3211, 0.2794.



This preview shows how white text looks on a background with the Yxy color 49.5617, 0.3211, 0.2794.

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

49.5617, 0.3211, 0.2794

Protanopia

49.7179, 0.2791, 0.2802

Deuteranopia

49.5974, 0.2981, 0.2914



Tritanopia

49.7849, 0.3400, 0.3139

Trichromacy



Original Color

49.5617, 0.3211, 0.2794

Protanomaly

49.4651, 0.2938, 0.2802

Deuteranomaly

49.5332, 0.3063, 0.2865

Tritanomaly

49.5650, 0.3334, 0.3013

Monochromacy



Original Color

49.5617, 0.3211, 0.2794

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.0077, 0.3153, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5617, 0.3211, 0.2794 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(222, 171, 215)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 215)  
}
```

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(222, 171, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 215) }
```

Border

The CSS property to change the border of an element to Yxy 49.5617, 0.3211, 0.2794 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(222, 171, 215) }
```

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

```
.border{ border-color:rgb(222, 171, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 171, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 215);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5617, 0.3211, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 215) }
```

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

```
.background{ background-color: rgb(222,  
171, 215) }
```

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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