

Converting Colors

$Yxy(47.3728, 0.3224, 0.2807)$

Have a look what the booklet for
Yxy(47.3728, 0.3224, 0.2807)
contains.

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Color

Yxy(47.5638, 0.3220, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	DAA8D2
RGB	218, 168, 210
RGB Percent	85%, 66%, 82%
CMY	0.1452, 0.3411, 0.1765
CMYK	0.00, 0.23, 0.04, 0.15
HSL	310°, 40%, 76%
HSV	310°, 23%, 85%
XYZ	54.5425, 47.5638, 67.2804
YIQ	187.7380, 16.3180, 23.6620

Conversions

Conversions Part 2

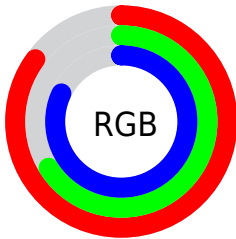
Format	Color
R _Y B	218, 168, 210
Decimal	14330066
CIE Lab	74.55, 25.20, -14.23
CIE LCh	75, 28.941, 330.548
Yxy	47.5638, 0.3220, 0.2808
Android (android.graphics.Color)	4292520146 (0xFFDAA8D2)
YUV	187.7380, 10.9752, 26.5398
Hunter-Lab	68.9665, 20.4763, -9.5639

Details

The Yxy color **47.5638, 0.3220, 0.2808** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.5887, 0.3046, 0.3825**, and the grayscale version is **50.0630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **22.6439, 0.3252, 0.2700** is the 20% darker color. If you saturate the color by 10%, you get **40.0085, 0.3269, 0.2594**, and if you desaturate by 10%, it is **56.4760, 0.3176, 0.3022**.

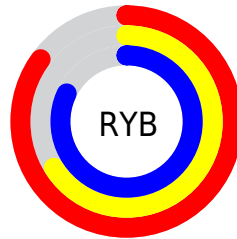
Distribution



Red (85%)

Green (66%)

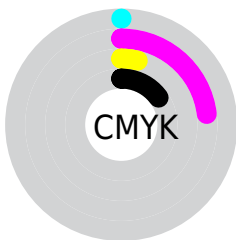
Blue (82%)



Red (85%)

Yellow (66%)

Blue (82%)

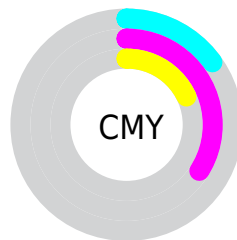


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (15%)



Cyan (15%)


Magenta (34%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5638, 0.3220, 0.2808 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 47.5638, 0.3220, 0.2808 by changing the saturation by 10% instead.

 47.5638, 0.3220,
0.2808

 47.5638, 0.3220,
0.2808


377.0605, 0.3178,
0.3039

 33.4816, 0.3229,
0.2753


 86.5546, 0.3206,
0.2890

 22.4956, 0.3241,
0.2685


 112.2320, 0.3200,
0.2921

 14.2215, 0.3255,
0.2597


142.5432, 0.3195,
0.2948

 8.2749, 0.3272,
0.2479

177.8726, 0.3191,
0.2971

 4.2714, 0.3294,
0.2314

218.6046, 0.3187,
0.2991

 1.8265, 0.3322,
0.2067

265.1237, 0.3184,

 0.5036, 0.3404,

0.3009

0.1531

317.8142, 0.3181,
0.3025

0.0000, 0.1097,
0.0000

0.0000, 0.0000,
0.0000

47.5638, 0.3220,
0.2808

47.5638, 0.3220,
0.2808

40.0085, 0.3269,
0.2594

56.4760, 0.3176,
0.3022

33.7367, 0.3324,
0.2388

66.8014, 0.3137,
0.3231

28.6774, 0.3382,
0.2200

78.6007, 0.3104,
0.3430

24.7503, 0.3443,
0.2038

91.7980, 0.3076,
0.3615

■ 21.8655, 0.3506,
0.1914

■ 91.9885, 0.3056,
0.3577

■ 19.9191, 0.3566,
0.1832

■ 92.1828, 0.3037,
0.3540

■ 18.7861, 0.3624,
0.1796

■ 92.3811, 0.3017,
0.3503

■ 18.3284, 0.3664,
0.1792

■ 92.5833, 0.2998,
0.3467

■ 92.7895, 0.2979,
0.3430

Harmonies

Analogous

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



47.5638, 0.2825, 0.2660



47.5638, 0.3220, 0.2808



47.5638, 0.3612, 0.3067

Triad

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



47.5638, 0.3220, 0.2808



47.5638, 0.3738, 0.3942



47.5638, 0.2432, 0.3119

Complementary

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



47.5638, 0.3220, 0.2808



61.5887, 0.3046, 0.3825

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.



47.5638, 0.2648, 0.3510



47.5638, 0.3220, 0.2808



47.5638, 0.3397, 0.4011

Square

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



47.5638, 0.3220, 0.2808



47.5638, 0.3919, 0.3703



47.5638, 0.2998, 0.3853



47.5638, 0.2391, 0.2812

Rectangle

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



47.5638, 0.3220, 0.2808



47.5638, 0.3809, 0.3276



47.5638, 0.2998, 0.3853



47.5638, 0.2486, 0.3245

Sweetspot

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



47.5659, 0.3220, 0.2808



88.9532, 0.3153, 0.3145



42.2451, 0.2799, 0.2660



18.8462, 0.3155, 0.3133



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.



47.5659, 0.3220, 0.2808



61.8831, 0.3246, 0.2694



46.4366, 0.3435, 0.3084



13.2373, 0.3162, 0.3096



10.9972, 0.3656, 0.1788



0.7222, 0.3571, 0.1741

Inverse Universe

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



47.5659, 0.3220, 0.2808



61.8831, 0.3246, 0.2694



62.6476, 0.2894, 0.3507



13.2373, 0.3162, 0.3096



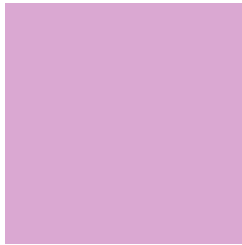
10.9972, 0.3656, 0.1788



0.7222, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 47.5638, 0.3220, 0.2808 looks on a white background.

Color Contrast Check

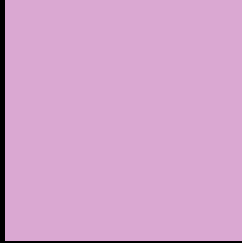
Large Text (above 18pt) WCAG AA × Fail

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 47.5638, 0.3220, 0.2808 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 47.5638, 0.3220, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 47.5638, 0.3220, 0.2808.



This preview shows how white text looks on a background with the Yxy color 47.5638, 0.3220, 0.2808.

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

47.5638, 0.3220, 0.2808

Protanopia

47.8005, 0.2806, 0.2829

Deuteranopia

47.7414, 0.2994, 0.2932



Tritanopia

47.4973, 0.3397, 0.3124

Trichromacy



Original Color

47.5638, 0.3220, 0.2808

Protanomaly

47.4785, 0.2942, 0.2816

Deuteranomaly

47.5428, 0.3070, 0.2881

Tritanomaly

47.6649, 0.3328, 0.3008

Monochromacy



Original Color

47.5638, 0.3220, 0.2808

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1754, 0.3161, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5638, 0.3220, 0.2808 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(218, 168, 210)` looks like.

```
.text, #text, p{  
    color:rgb(218, 168, 210)  
}
```

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(218, 168, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 168, 210) }
```

Border

The CSS property to change the border of an element to Yxy 47.5638, 0.3220, 0.2808 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(218, 168, 210) }
```

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

```
.border{ border-color:rgb(218, 168, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 168, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 168, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 168, 210);  
box-shadow:4px 4px 4px 4px rgb(218, 168,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5638, 0.3220, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 168, 210) }
```

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

```
.background{ background-color: rgb(218,  
168, 210) }
```

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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