

Converting Colors

$Yxy(48.7904, 0.3223, 0.2907)$

Have a look what the booklet for
Yxy(48.7904, 0.3223, 0.2907)
contains.

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Color

Yxy(48.7904, 0.3223, 0.2907)

Conversions

Conversions Part 1

Format	Color
Hex	D7ADCE
RGB	215, 173, 206
RGB Percent	84%, 68%, 81%
CMY	0.1571, 0.3214, 0.1922
CMYK	0.00, 0.19, 0.04, 0.16
HSL	313°, 34%, 76%
HSV	313°, 19%, 84%
XYZ	54.0941, 48.7904, 64.9532
YIQ	189.3200, 14.4390, 19.1670

Conversions

Conversions Part 2

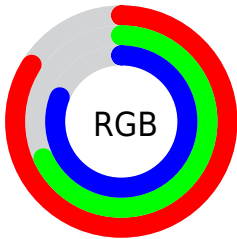
Format	Color
R _Y B	215, 173, 206
Decimal	14134734
CIE Lab	75.32, 20.73, -10.91
CIE LCh	75, 23.429, 332.240
Yxy	48.7904, 0.3223, 0.2907
Android (android.graphics.Color)	4292324814 (0xFFD7ADCE)
YUV	189.3200, 8.2232, 22.5214
Hunter-Lab	69.8501, 15.9981, -6.2383

Details

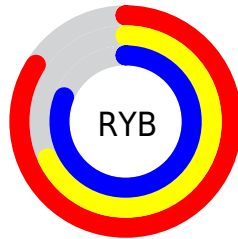
The Yxy color **48.7904, 0.3223, 0.2907** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.8341, 0.3044, 0.3706**, and the grayscale version is **51.0259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **23.1735, 0.3246, 0.2798** is the 20% darker color. If you saturate the color by 10%, you get **40.9802, 0.3283, 0.2705**, and if you desaturate by 10%, it is **57.9374, 0.3170, 0.3107**.

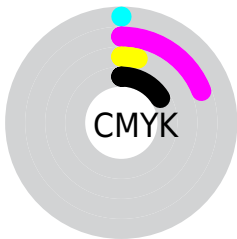
Distribution



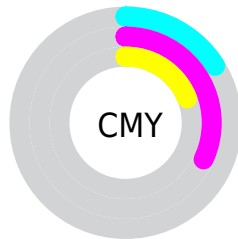
- Red (84%)
- Green (68%)
- Blue (81%)



- Red (84%)
- Yellow (68%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (16%)





- Cyan (16%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7904, 0.3223, 0.2907 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 48.7904, 0.3223, 0.2907 by changing the saturation by 10% instead.


 48.7904, 0.3223,
0.2907

 48.7904, 0.3223,
0.2907

381.9166, 0.3178,
0.3091

 34.4532, 0.3233,
0.2863


 88.3801, 0.3207,
0.2972

 23.2420, 0.3246,
0.2808


114.4014, 0.3201,
0.2997

 14.7723, 0.3262,
0.2737


145.0862, 0.3196,
0.3019

 8.6597, 0.3284,
0.2641

180.8189, 0.3192,
0.3037

 4.5199, 0.3313,
0.2505

221.9839, 0.3188,
0.3053

 1.9684, 0.3354,
0.2299

268.9656, 0.3184,

 0.5890, 0.3449,

0.3067

0.1870

322.1483, 0.3181,
0.3080

■ 0.0000, 0.0646,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.7904, 0.3223,
0.2907

■ 48.7904, 0.3223,
0.2907

■ 40.9802, 0.3283,
0.2705

■ 57.9374, 0.3170,
0.3107

■ 34.4372, 0.3351,
0.2506

■ 68.4740, 0.3125,
0.3299

■ 29.0949, 0.3426,
0.2320

■ 80.4578, 0.3086,
0.3482

■ 24.8783, 0.3507,
0.2156

■ 91.3586, 0.3055,
0.3612

■ 21.7041, 0.3591,
0.2025

■ 91.6114, 0.3029,
0.3562

■ 19.4771, 0.3676,
0.1935

■ 91.8711, 0.3004,
0.3513

■ 18.0848, 0.3759,
0.1892

■ 92.1376, 0.2979,
0.3465

■ 17.3365, 0.3839,
0.1890

■ 92.4110, 0.2954,
0.3416

■ 17.3044, 0.3843,
0.1891

■ 92.6913, 0.2929,
0.3369

Harmonies

Analogous

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



48.7904, 0.2902, 0.2779



48.7904, 0.3223, 0.2907



48.7904, 0.3532, 0.3125

Triad

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



48.7904, 0.3223, 0.2907



48.7904, 0.3609, 0.3823



48.7904, 0.2557, 0.3141

Complementary

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



48.7904, 0.3223, 0.2907



60.8341, 0.3044, 0.3706

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.



48.7904, 0.2728, 0.3450



48.7904, 0.3223, 0.2907



48.7904, 0.3331, 0.3861

Square

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



48.7904, 0.3223, 0.2907



48.7904, 0.3759, 0.3644



48.7904, 0.3009, 0.3723



48.7904, 0.2531, 0.2897

Rectangle

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



48.7904, 0.3223, 0.2907



48.7904, 0.3683, 0.3299



48.7904, 0.3009, 0.3723



48.7904, 0.2599, 0.3241

Sweetspot

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



48.7925, 0.3223, 0.2907



90.4151, 0.3154, 0.3174



44.6757, 0.2871, 0.2767



19.1391, 0.3157, 0.3161



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.



48.7925, 0.3223, 0.2907



67.3375, 0.3245, 0.2832



47.8650, 0.3398, 0.3141



12.5852, 0.3170, 0.3108



10.3728, 0.3832, 0.1884



0.6372, 0.3703, 0.1814

Inverse Universe

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



48.7925, 0.3223, 0.2907



67.3375, 0.3245, 0.2832



61.7393, 0.2914, 0.3445



12.5852, 0.3170, 0.3108



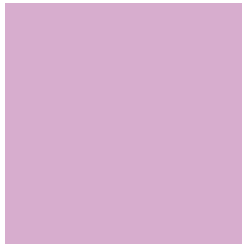
10.3728, 0.3832, 0.1884



0.6372, 0.3703, 0.1814

Previews

White Background



This preview shows how the Yxy color 48.7904, 0.3223, 0.2907 looks on a white background.

Color Contrast Check

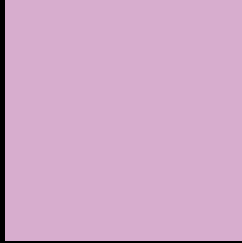
Large Text (above 18pt) WCAG AA × Fail

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 48.7904, 0.3223, 0.2907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

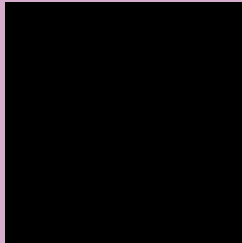
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7904, 0.3223, 0.2907

Background



This preview shows how black text looks on a background with the Yxy color 48.7904, 0.3223, 0.2907.



This preview shows how white text looks on a background with the Yxy color 48.7904, 0.3223, 0.2907.

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

48.7904, 0.3223, 0.2907

Protanopia

48.9088, 0.2887, 0.2929

Deuteranopia

49.0576, 0.3057, 0.2997



Tritanopia

48.9145, 0.3338, 0.3124

Trichromacy



Original Color

48.7904, 0.3223, 0.2907

Protanomaly

48.6331, 0.3003, 0.2924

Deuteranomaly

48.8051, 0.3117, 0.2965

Tritanomaly

48.9416, 0.3297, 0.3043

Monochromacy



Original Color

48.7904, 0.3223, 0.2907

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8129, 0.3159, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7904, 0.3223, 0.2907 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(215, 173, 206)` looks like.

```
.text, #text, p{  
    color:rgb(215, 173, 206)  
}
```

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(215, 173, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 173, 206) }
```

Border

The CSS property to change the border of an element to Yxy 48.7904, 0.3223, 0.2907 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(215, 173, 206) }
```

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

```
.border{ border-color:rgb(215, 173, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 173, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 173, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 173, 206); box-shadow:4px 4px 4px 4px rgb(215, 173, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7904, 0.3223, 0.2907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 173, 206) }
```

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

```
.background{ background-color: rgb(215,  
173, 206) }
```

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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