

Converting Colors

$Y_{xy}(47.0822, 0.3180, 0.2920)$

Have a look what the booklet for
Yxy(47.0822, 0.3180, 0.2920)
contains.

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Color

Yxy(47.0822, 0.3180, 0.2920)

Conversions

Conversions Part 1

Format	Color
Hex	CFACCB
RGB	207, 172, 203
RGB Percent	81%, 67%, 80%
CMY	0.1880, 0.3255, 0.2039
CMYK	0.00, 0.17, 0.02, 0.19
HSL	307°, 27%, 74%
HSV	307°, 17%, 81%
XYZ	51.2745, 47.0822, 62.8838
YIQ	185.9990, 10.9090, 17.0610

Conversions

Conversions Part 2

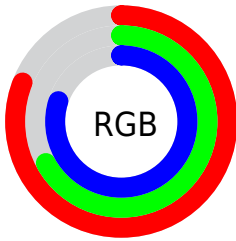
Format	Color
R _Y B	207, 172, 203
Decimal	13610187
CIE Lab	74.24, 18.05, -10.96
CIE LCh	74, 21.121, 328.727
Yxy	47.0822, 0.3180, 0.2920
Android (android.graphics.Color)	4291800267 (0xFFCFACCB)
YUV	185.9990, 8.3815, 18.4179
Hunter-Lab	68.6165, 13.3074, -6.3050

Details

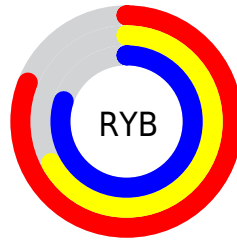
The Yxy color **47.0822, 0.3180, 0.2920** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.5561, 0.3078, 0.3690**, and the grayscale version is **49.0532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9668, 0.3139, 0.3029**, and **22.2783, 0.3185, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **39.6950, 0.3216, 0.2696**, and if you desaturate by 10%, it is **55.7031, 0.3147, 0.3141**.

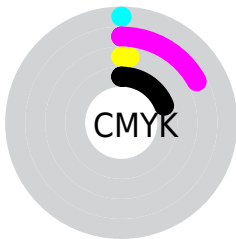
Distribution



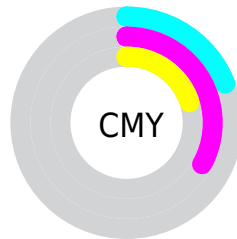
- Red (81%)
- Green (67%)
- Blue (80%)



- Red (81%)
- Yellow (67%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (2%)
- Black (19%)





- Cyan (19%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0822, 0.3180, 0.2920 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 47.0822, 0.3180, 0.2920 by changing the saturation by 10% instead.


 47.0822, 0.3180,
0.2920

 47.0822, 0.3180,
0.2920

375.1425, 0.3156,
0.3099

 33.1006, 0.3185,
0.2877


 85.8363, 0.3172,
0.2984

 22.2036, 0.3192,
0.2823


111.3776, 0.3169,
0.3008

 14.0065, 0.3200,
0.2752


141.5410, 0.3166,
0.3029

 8.1252, 0.3210,
0.2656

176.7109, 0.3163,
0.3047

 4.1752, 0.3222,
0.2519

217.2715, 0.3161,
0.3063

 1.7720, 0.3237,
0.2308

263.6075, 0.3159,

 0.4697, 0.3325,

0.3076

0.1759

316.1030, 0.3158,
0.3088

0.0000, 0.0000,
0.0000

47.0822, 0.3180,
0.2920

47.0822, 0.3180,
0.2920

39.6950, 0.3216,
0.2696

55.7031, 0.3147,
0.3141

33.4787, 0.3256,
0.2476

65.6045, 0.3119,
0.3354

28.3740, 0.3299,
0.2269

76.8383, 0.3094,
0.3556

24.3144, 0.3344,
0.2084

89.4520, 0.3072,
0.3744

21.2260, 0.3389,
0.1931

89.6974, 0.3059,
0.3719

■ 19.0252, 0.3433,
0.1817

■ 89.8214, 0.3046,
0.3693

■ 17.6146, 0.3475,
0.1748

■ 89.9471, 0.3032,
0.3667

■ 16.8651, 0.3515,
0.1721

■ 90.0747, 0.3019,
0.3640

■ 16.6967, 0.3526,
0.1716

■ 90.2040, 0.3006,
0.3614

Harmonies

Analogous

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



47.0822, 0.2890, 0.2815



47.0822, 0.3180, 0.2920



47.0822, 0.3467, 0.3113

Triad

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



47.0822, 0.3180, 0.2920



47.0822, 0.3590, 0.3764



47.0822, 0.2617, 0.3188

Complementary

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



47.0822, 0.3180, 0.2920



56.5561, 0.3078, 0.3690

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.



47.0822, 0.2789, 0.3469



47.0822, 0.3180, 0.2920



47.0822, 0.3348, 0.3813

Square

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



47.0822, 0.3180, 0.2920



47.0822, 0.3709, 0.3590



47.0822, 0.3054, 0.3706



47.0822, 0.2576, 0.2953

Rectangle

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



47.0822, 0.3180, 0.2920



47.0822, 0.3613, 0.3271



47.0822, 0.3054, 0.3706



47.0822, 0.2661, 0.3280

Sweetspot

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



47.0843, 0.3180, 0.2920



92.0386, 0.3142, 0.3182



43.1782, 0.2881, 0.2839



19.4697, 0.3144, 0.3166



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.



47.0843, 0.3180, 0.2920



71.2918, 0.3192, 0.2846



46.3182, 0.3324, 0.3120



11.9845, 0.3155, 0.3087



10.5228, 0.3521, 0.1714



0.5952, 0.3457, 0.1678

Inverse Universe

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



47.0843, 0.3180, 0.2920



71.2918, 0.3192, 0.2846



57.2714, 0.2964, 0.3467



11.9845, 0.3155, 0.3087



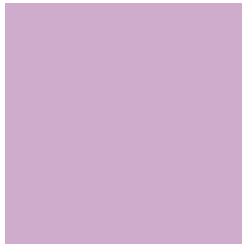
10.5228, 0.3521, 0.1714



0.5952, 0.3457, 0.1678

Previews

White Background



This preview shows how the Yxy color 47.0822, 0.3180, 0.2920 looks on a white background.

Color Contrast Check

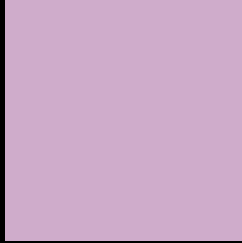
Large Text (above 18pt) WCAG AA × Fail

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 47.0822, 0.3180, 0.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

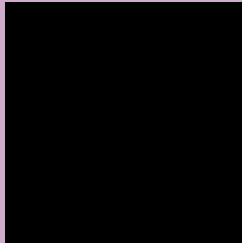
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0822, 0.3180, 0.2920

Background



This preview shows how black text looks on a background with the Yxy color 47.0822, 0.3180, 0.2920.



This preview shows how white text looks on a background with the Yxy color 47.0822, 0.3180, 0.2920.

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

47.0822, 0.3180, 0.2920

Protanopia

47.1162, 0.2891, 0.2936

Deuteranopia

47.3115, 0.3056, 0.2993



Tritanopia

47.2699, 0.3285, 0.3132

Trichromacy



Original Color

47.0822, 0.3180, 0.2920

Protanomaly

47.1646, 0.2993, 0.2931

Deuteranomaly

47.1853, 0.3099, 0.2972

Tritanomaly

47.2442, 0.3253, 0.3060

Monochromacy



Original Color

47.0822, 0.3180, 0.2920

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.3229, 0.3151, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0822, 0.3180, 0.2920 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(207, 172, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 172, 203)  
}
```

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(207, 172, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 172, 203) }
```

Border

The CSS property to change the border of an element to Yxy 47.0822, 0.3180, 0.2920 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(207, 172, 203) }
```

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

```
.border{ border-color:rgb(207, 172, 203) }
```

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

Here you see how a box with a 4 pixel rgb(207, 172, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 172, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 172, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 172,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0822, 0.3180, 0.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 172, 203) }
```

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

```
.background{ background-color: rgb(207,  
172, 203) }
```

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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