

Converting Colors

$Y_{xy}(47.4607, 0.3174, 0.2870)$

Have a look what the booklet for
Yxy(47.4607, 0.3174, 0.2870)
contains.

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Color

Yxy(47.3325, 0.3173, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	D2ABCF
RGB	210, 171, 207
RGB Percent	82%, 67%, 81%
CMY	0.1765, 0.3294, 0.1882
CMYK	0.00, 0.19, 0.01, 0.18
HSL	305°, 30%, 75%
HSV	305°, 19%, 82%
XYZ	52.4027, 47.3325, 65.4166
YIQ	186.7650, 11.6880, 19.4640

Conversions

Conversions Part 2

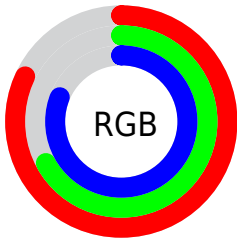
Format	Color
R_{YB}	210, 171, 207
Decimal	13806543
CIE _{Lab}	74.40, 20.33, -12.90
CIE _{LCh}	74, 24.073, 327.610
Yxy	47.3325, 0.3173, 0.2866
Android (android.graphics.Color)	4291996623 (0xFFD2ABCF)
YUV	186.7650, 9.9759, 20.3771
Hunter-Lab	68.7986, 15.5626, -8.2164

Details

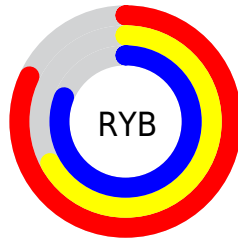
The Yxy color $47.3325, 0.3173, 0.2866$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.8013, 0.3084, 0.3754$, and the grayscale version is $49.4936, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.4182, 0.3140, 0.3019$, and $22.4621, 0.3176, 0.2758$ is the 20% darker color. If you saturate the color by 10%, you get $39.9435, 0.3201, 0.2634$, and if you desaturate by 10%, it is $55.9867, 0.3147, 0.3097$.

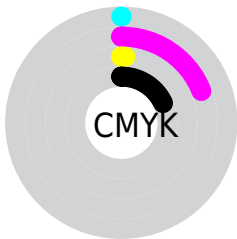
Distribution



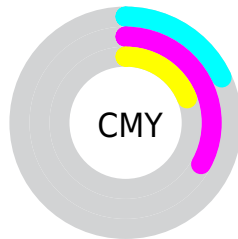
- Red (82%)
- Green (67%)
- Blue (81%)



- Red (82%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3325, 0.3173, 0.2866 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 47.3325, 0.3173, 0.2866 by changing the saturation by 10% instead.


 47.3325, 0.3173,
0.2866

 47.3325, 0.3173,
0.2866


376.1402, 0.3153,
0.3070

 33.2986, 0.3177,
0.2817


 86.2097, 0.3166,
0.2939

 22.3553, 0.3182,
0.2756


111.8218, 0.3164,
0.2966

 14.1182, 0.3187,
0.2676


142.0621, 0.3162,
0.2990

 8.2029, 0.3194,
0.2569

177.3150, 0.3159,
0.3010

 4.2251, 0.3200,
0.2418

217.9648, 0.3158,
0.3028

 1.8002, 0.3205,
0.2188

264.3961, 0.3156,

 0.4873, 0.3255,

0.3044

0.1644

316.9930, 0.3155,
0.3058

0.0000, 0.0000,
0.0000

47.3325, 0.3173,
0.2866

47.3325, 0.3173,
0.2866

39.9435, 0.3201,
0.2634

55.9867, 0.3147,
0.3097

33.7540, 0.3231,
0.2408

65.9552, 0.3124,
0.3322

28.7020, 0.3263,
0.2197

77.2923, 0.3103,
0.3535

24.7174, 0.3295,
0.2012

90.0453, 0.3085,
0.3734

21.7223, 0.3326,
0.1861

90.1271, 0.3076,
0.3717

■ 19.6282, 0.3356,
0.1750

■ 90.2098, 0.3068,
0.3699

■ 18.3311, 0.3384,
0.1683

■ 90.2933, 0.3059,
0.3681

■ 17.6703, 0.3409,
0.1656

■ 90.3776, 0.3050,
0.3664

■ 17.5944, 0.3412,
0.1653

■ 90.4627, 0.3041,
0.3646

Harmonies

Analogous

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



47.3325, 0.2846, 0.2752



47.3325, 0.3173, 0.2866



47.3325, 0.3503, 0.3079

Triad

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



47.3325, 0.3173, 0.2866



47.3325, 0.3661, 0.3822



47.3325, 0.2554, 0.3182

Complementary

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



47.3325, 0.3173, 0.2866



57.8013, 0.3084, 0.3754

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.



47.3325, 0.2752, 0.3505



47.3325, 0.3173, 0.2866



47.3325, 0.3388, 0.3889

Square

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



47.3325, 0.3173, 0.2866



47.3325, 0.3792, 0.3618



47.3325, 0.3055, 0.3774



47.3325, 0.2503, 0.2914

Rectangle

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



47.3325, 0.3173, 0.2866



47.3325, 0.3674, 0.3256



47.3325, 0.3055, 0.3774



47.3325, 0.2605, 0.3288

Sweetspot

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



47.3346, 0.3173, 0.2866



90.5488, 0.3141, 0.3154



42.7349, 0.2843, 0.2789



19.1708, 0.3143, 0.3139



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.



47.3346, 0.3173, 0.2866



69.0086, 0.3183, 0.2780



46.4552, 0.3336, 0.3087



11.9929, 0.3149, 0.3078



10.7404, 0.3409, 0.1651



0.6053, 0.3368, 0.1629

Inverse Universe

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



47.3346, 0.3173, 0.2866



69.0086, 0.3183, 0.2780



58.6007, 0.2958, 0.3503



11.9929, 0.3149, 0.3078



10.7404, 0.3409, 0.1651



0.6053, 0.3368, 0.1629

Previews

White Background



This preview shows how the Yxy color 47.3325, 0.3173, 0.2866 looks on a white background.

Color Contrast Check

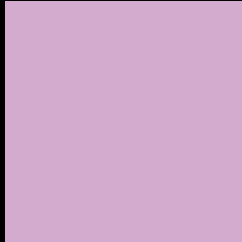
Large Text (above 18pt) WCAG AA × Fail

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 47.3325, 0.3173, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

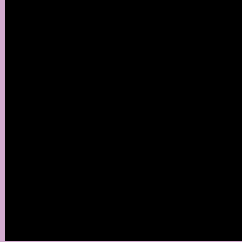
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.3325, 0.3173, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 47.3325, 0.3173, 0.2866.



This preview shows how white text looks on a background with the Yxy color 47.3325, 0.3173, 0.2866.

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

47.3325, 0.3173, 0.2866

Protanopia

47.6580, 0.2848, 0.2888

Deuteranopia

47.3734, 0.3017, 0.2944



Tritanopia

47.1683, 0.3304, 0.3120

Trichromacy



Original Color

47.3325, 0.3173, 0.2866

Protanomaly

47.3628, 0.2963, 0.2884

Deuteranomaly

47.1219, 0.3076, 0.2913

Tritanomaly

47.2372, 0.3254, 0.3026

Monochromacy



Original Color

47.3325, 0.3173, 0.2866

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.5449, 0.3143, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3325, 0.3173, 0.2866 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(210, 171, 207)` looks like.

```
.text, #text, p{  
    color:rgb(210, 171, 207)  
}
```

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(210, 171, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 171, 207) }
```

Border

The CSS property to change the border of an element to Yxy 47.3325, 0.3173, 0.2866 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(210, 171, 207) }
```

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

```
.border{ border-color:rgb(210, 171, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 171, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 171, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 171, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 171,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3325, 0.3173, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 171, 207) }
```

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

```
.background{ background-color: rgb(210,  
171, 207) }
```

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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