

Converting Colors

$Yxy(47.1702, 0.3301, 0.3173)$

Have a look what the booklet for
Yxy(47.1702, 0.3301, 0.3173)
contains.

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Color

Yxy(47.0001, 0.3302, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	CCAFB9
RGB	204, 175, 185
RGB Percent	80%, 69%, 73%
CMY	0.2000, 0.3137, 0.2746
CMYK	0.00, 0.14, 0.09, 0.20
HSL	339°, 22%, 74%
HSV	339°, 14%, 80%
XYZ	48.9881, 47.0001, 52.3707
YIQ	184.8110, 14.0740, 9.2580

Conversions

Conversions Part 2

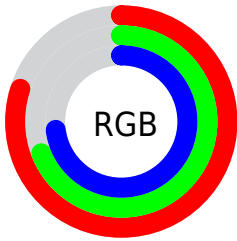
Format	Color
RYB	204, 175, 185
Decimal	13414329
CIELab	74.19, 12.14, -1.20
CIELCh	74, 12.196, 354.346
Yxy	47.0001, 0.3302, 0.3168
Android (android.graphics.Color)	4291604409 (0xFFCCAFB9)
YUV	184.8110, 0.0932, 16.8288
Hunter-Lab	68.5566, 7.5756, 2.6978

Details

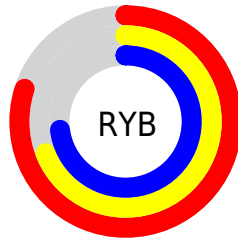
The Yxy color $47.0001, 0.3302, 0.3168$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $56.2028, 0.2979, 0.3415$, and the grayscale version is $48.3996, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.7627, 0.3227, 0.3192$, and $22.0690, 0.3357, 0.3125$ is the 20% darker color. If you saturate the color by 10%, you get $39.1122, 0.3458, 0.3077$, and if you desaturate by 10%, it is $56.1452, 0.3174, 0.3255$.

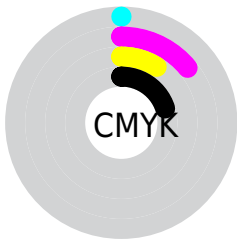
Distribution



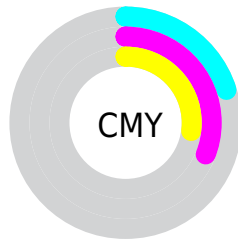
- Red (80%)
- Green (69%)
- Blue (73%)



- Red (80%)
- Yellow (69%)
- Blue (73%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (20%)




- Cyan (20%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0001, 0.3302, 0.3168 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 47.0001, 0.3302, 0.3168 by changing the saturation by 10% instead.


 47.0001, 0.3302,
0.3168

 47.0001, 0.3302,
0.3168

374.8149, 0.3215,
0.3229

 33.0357, 0.3324,
0.3153


 85.7138, 0.3270,
0.3190

 22.1538, 0.3352,
0.3134


111.2319, 0.3259,
0.3198

 13.9700, 0.3389,
0.3108


141.3700, 0.3248,
0.3205

 8.0998, 0.3440,
0.3073

176.5125, 0.3240,
0.3211

 4.1589, 0.3517,
0.3020

217.0439, 0.3232,
0.3216

 1.7628, 0.3644,
0.2934

263.3485, 0.3226,

 0.4638, 0.4118,

0.3221

0.2591

315.8107, 0.3220,
0.3225

0.0000, 0.0000,
0.0000

47.0001, 0.3302,
0.3168

47.0001, 0.3302,
0.3168

39.1122, 0.3458,
0.3077

56.1452, 0.3174,
0.3255

32.4200, 0.3648,
0.2984

66.5930, 0.3069,
0.3336

26.8666, 0.3877,
0.2893

78.3941, 0.2984,
0.3411

22.3875, 0.4145,
0.2814

90.5639, 0.2913,
0.3463

18.9120, 0.4451,
0.2755

91.3832, 0.2843,
0.3321

■ 16.3605, 0.4785,
0.2729

■ 91.5790, 0.2827,
0.3289

■ 14.6417, 0.5127,
0.2747

■ 13.6445, 0.5448,
0.2815

■ 13.2821, 0.5619,
0.2869

Harmonies

Analogous

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



47.0001, 0.3135, 0.3058



47.0001, 0.3302, 0.3168



47.0001, 0.3424, 0.3310

Triad

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



47.0001, 0.3302, 0.3168



47.0001, 0.3281, 0.3590



47.0001, 0.2802, 0.3115

Complementary

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



47.0001, 0.3302, 0.3168



56.2028, 0.2979, 0.3415

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.



47.0001, 0.2839, 0.3258



47.0001, 0.3302, 0.3168



47.0001, 0.3113, 0.3539

Square

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



47.0001, 0.3302, 0.3168



47.0001, 0.3411, 0.3555



47.0001, 0.2952, 0.3415



47.0001, 0.2849, 0.3025

Rectangle

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



47.0001, 0.3302, 0.3168



47.0001, 0.3461, 0.3407



47.0001, 0.2952, 0.3415



47.0001, 0.2805, 0.3159

Sweetspot

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



47.0022, 0.3302, 0.3168



93.2400, 0.3172, 0.3256



46.4726, 0.3057, 0.2933



19.6936, 0.3181, 0.3250



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.



47.0022, 0.3302, 0.3168



73.6929, 0.3346, 0.3141



48.3173, 0.3380, 0.3345



11.2762, 0.3237, 0.3211



8.3747, 0.5582, 0.2849



0.4463, 0.5031, 0.2545

Inverse Universe

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



47.0022, 0.3302, 0.3168



73.6929, 0.3346, 0.3141



54.6261, 0.2911, 0.3235



11.2762, 0.3237, 0.3211



8.3747, 0.5582, 0.2849



0.4463, 0.5031, 0.2545

Previews

White Background



This preview shows how the Yxy color 47.0001, 0.3302, 0.3168 looks on a white background.

Color Contrast Check

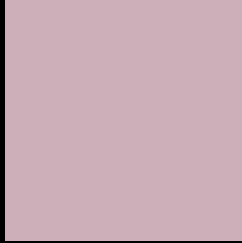
Large Text (above 18pt) WCAG AA × Fail

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 47.0001, 0.3302, 0.3168 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 47.0001, 0.3302, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 47.0001, 0.3302, 0.3168.



This preview shows how white text looks on a background with the Yxy color 47.0001, 0.3302, 0.3168.

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

47.0001, 0.3302, 0.3168

Protanopia

47.3204, 0.3089, 0.3200

Deuteranopia

47.0892, 0.3255, 0.3191



Tritanopia

46.7403, 0.3277, 0.3119

Trichromacy



Original Color

47.0001, 0.3302, 0.3168

Protanomaly

46.9474, 0.3158, 0.3176

Deuteranomaly

46.9710, 0.3274, 0.3179

Tritanomaly

46.6973, 0.3286, 0.3131

Monochromacy



Original Color

47.0001, 0.3302, 0.3168

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.7570, 0.3190, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0001, 0.3302, 0.3168 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(204, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 175, 185)  
}
```

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(204, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 175, 185) }
```

Border

The CSS property to change the border of an element to Yxy 47.0001, 0.3302, 0.3168 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(204, 175, 185) }
```

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

```
.border{ border-color:rgb(204, 175, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 175,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0001, 0.3302, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 175, 185) }
```

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

```
.background{ background-color: rgb(204,  
175, 185) }
```

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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