

Converting Colors

Yxy(47.5418, 0.3307, 0.3063)

Have a look what the booklet for
Yxy(47.5418, 0.3307, 0.3063)
contains.

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Color

Yxy(47.5418, 0.3307, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	D3ADC0
RGB	211, 173, 192
RGB Percent	83%, 68%, 75%
CMY	0.1724, 0.3216, 0.2470
CMYK	0.00, 0.18, 0.09, 0.17
HSL	330°, 30%, 75%
HSV	330°, 18%, 83%
XYZ	51.3290, 47.5418, 56.3424
YIQ	186.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

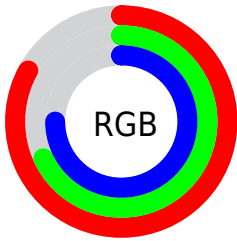
Format	Color
R _Y B	211, 173, 192
Decimal	13872576
CIE Lab	74.54, 16.94, -4.47
CIE LCh	75, 17.516, 345.209
Yxy	47.5418, 0.3307, 0.3063
Android (android.graphics.Color)	4292062656 (0xFFD3ADC0)
YUV	186.5280, 2.6977, 21.4619
Hunter-Lab	68.9506, 12.2176, -0.1829

Details

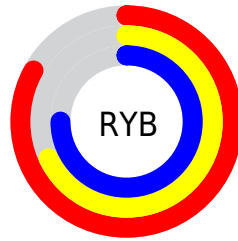
The Yxy color $47.5418, 0.3307, 0.3063$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $59.2948, 0.2979, 0.3529$, and the grayscale version is $49.3947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.0759, 0.3184, 0.3105$, and $22.3649, 0.3351, 0.2987$ is the 20% darker color. If you saturate the color by 10%, you get $39.6289, 0.3436, 0.2930$, and if you desaturate by 10%, it is $56.7708, 0.3200, 0.3192$.

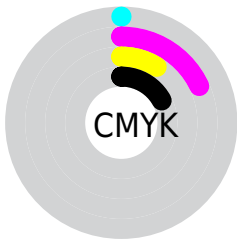
Distribution



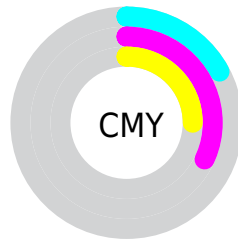
- Red (83%)
- Green (68%)
- Blue (75%)



- Red (83%)
- Yellow (68%)
- Blue (75%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (17%)




- Cyan (17%)
- Magenta (32%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.5418, 0.3307, 0.3063 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 47.5418, 0.3307, 0.3063 by changing the saturation by 10% instead.


 47.5418, 0.3307,
0.3063

 47.5418, 0.3307,
0.3063


376.9730, 0.3218,
0.3174

 33.4642, 0.3329,
0.3036


 86.5218, 0.3275,
0.3103

 22.4823, 0.3357,
0.3001


112.1930, 0.3263,
0.3118

 14.2117, 0.3393,
0.2956


142.4974, 0.3253,
0.3131

 8.2680, 0.3444,
0.2894

177.8196, 0.3244,
0.3142

 4.2669, 0.3518,
0.2804

218.5438, 0.3236,
0.3152

 1.8240, 0.3637,
0.2662

265.0546, 0.3230,

 0.5021, 0.3957,

0.3160

0.2228

317.7362, 0.3224,
0.3168

0.0000, 0.0000,
0.0000

47.5418, 0.3307,
0.3063

47.5418, 0.3307,
0.3063

39.6289, 0.3436,
0.2930

56.7708, 0.3200,
0.3192

32.9650, 0.3589,
0.2797

67.3660, 0.3111,
0.3313

27.4871, 0.3768,
0.2670

79.3828, 0.3038,
0.3427

23.1236, 0.3973,
0.2559

91.3274, 0.2977,
0.3507

19.7955, 0.4201,
0.2476

91.9531, 0.2920,
0.3395

■ 17.4131, 0.4445,
0.2433

■ 92.5937, 0.2866,
0.3289

■ 15.8712, 0.4692,
0.2442

■ 15.0174, 0.4932,
0.2502

■ 14.8834, 0.4979,
0.2516

Harmonies

Analogous

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



47.5418, 0.3060, 0.2931



47.5418, 0.3307, 0.3063



47.5418, 0.3510, 0.3252

Triad

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



47.5418, 0.3307, 0.3063



47.5418, 0.3411, 0.3718



47.5418, 0.2669, 0.3093

Complementary

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



47.5418, 0.3307, 0.3063



59.2948, 0.2979, 0.3529

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.



47.5418, 0.2756, 0.3311



47.5418, 0.3307, 0.3063



47.5418, 0.3179, 0.3686

Square

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



47.5418, 0.3307, 0.3063



47.5418, 0.3570, 0.3630



47.5418, 0.2940, 0.3534



47.5418, 0.2700, 0.2940

Rectangle

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



47.5418, 0.3307, 0.3063



47.5418, 0.3590, 0.3390



47.5418, 0.2940, 0.3534



47.5418, 0.2686, 0.3161

Sweetspot

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



47.5439, 0.3307, 0.3063



91.7292, 0.3172, 0.3229



45.7971, 0.2987, 0.2824



19.3944, 0.3178, 0.3220



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.



47.5439, 0.3307, 0.3063



67.6035, 0.3358, 0.3007



46.7548, 0.3474, 0.3291



11.9054, 0.3213, 0.3174



8.9997, 0.4946, 0.2498



0.5192, 0.4542, 0.2276

Inverse Universe

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



47.5439, 0.3307, 0.3063



67.6035, 0.3358, 0.3007



60.1929, 0.2858, 0.3289



11.9054, 0.3213, 0.3174



8.9997, 0.4946, 0.2498



0.5192, 0.4542, 0.2276

Previews

White Background



This preview shows how the Yxy color 47.5418, 0.3307, 0.3063 looks on a white background.

Color Contrast Check

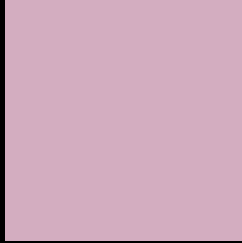
Large Text (above 18pt) WCAG AA × Fail

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 47.5418, 0.3307, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

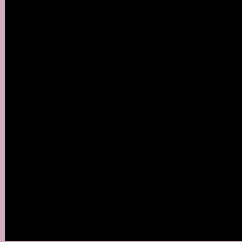
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5418, 0.3307, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 47.5418, 0.3307, 0.3063.



This preview shows how white text looks on a background with the Yxy color 47.5418, 0.3307, 0.3063.

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

47.5418, 0.3307, 0.3063

Protanopia

47.6004, 0.3012, 0.3087

Deuteranopia

47.6081, 0.3195, 0.3129



Tritanopia

47.5616, 0.3340, 0.3134

Trichromacy



Original Color

47.5418, 0.3307, 0.3063

Protanomaly

47.5632, 0.3112, 0.3078

Deuteranomaly

47.5088, 0.3241, 0.3107

Tritanomaly

47.6479, 0.3322, 0.3110

Monochromacy



Original Color

47.5418, 0.3307, 0.3063

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.8658, 0.3191, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5418, 0.3307, 0.3063 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(211, 173, 192)` looks like.

```
.text, #text, p{  
    color:rgb(211, 173, 192)  
}
```

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(211, 173, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 173, 192) }
```

Border

The CSS property to change the border of an element to Yxy 47.5418, 0.3307, 0.3063 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(211, 173, 192) }
```

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

```
.border{ border-color:rgb(211, 173, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 173, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 173, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 173, 192);  
box-shadow:4px 4px 4px 4px rgb(211, 173,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5418, 0.3307, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 173, 192) }
```

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

```
.background{ background-color: rgb(211,  
173, 192) }
```

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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