

Converting Colors

$Y_{xy}(47.0519, 0.3258, 0.2969)$

Have a look what the booklet for
Yxy(47.0519, 0.3258, 0.2969)
contains.

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Color

Yxy(47.0519, 0.3258, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	D3ABC6
RGB	211, 171, 198
RGB Percent	83%, 67%, 78%
CMY	0.1723, 0.3295, 0.2235
CMYK	0.00, 0.19, 0.06, 0.17
HSL	320°, 31%, 75%
HSV	320°, 19%, 83%
XYZ	51.6319, 47.0519, 59.7935
YIQ	186.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

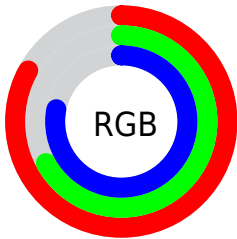
Format	Color
R _Y B	211, 171, 198
Decimal	13872070
CIE Lab	74.22, 19.08, -8.22
CIE LCh	74, 20.776, 336.684
Yxy	47.0519, 0.3258, 0.2969
Android (android.graphics.Color)	4292062150 (0xFFD3ABC6)
YUV	186.0380, 5.8973, 21.8917
Hunter-Lab	68.5944, 14.3191, -3.6668

Details

The Yxy color $47.0519, 0.3258, 0.2969$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.7324, 0.3017, 0.3634$, and the grayscale version is $49.0887, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.4182, 0.3140, 0.3019$, and $22.2752, 0.3293, 0.2894$ is the 20% darker color. If you saturate the color by 10%, you get $39.3984, 0.3345, 0.2793$, and if you desaturate by 10%, it is $55.9969, 0.3184, 0.3141$.

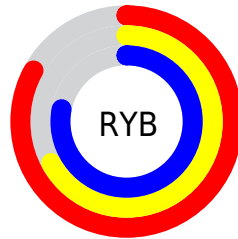
Distribution



Red (83%)

Green (67%)

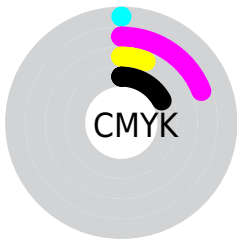
Blue (78%)



Red (83%)

Yellow (67%)

Blue (78%)

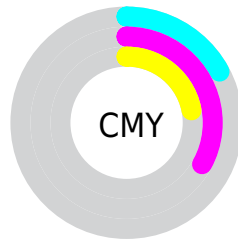


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.0519, 0.3258, 0.2969 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 47.0519, 0.3258, 0.2969 by changing the saturation by 10% instead.


 47.0519, 0.3258,
0.2969

 47.0519, 0.3258,
0.2969


375.0217, 0.3195,
0.3125

 33.0767, 0.3273,
0.2931


 85.7911, 0.3235,
0.3025

 22.1852, 0.3292,
0.2884


111.3239, 0.3227,
0.3046

 13.9930, 0.3317,
0.2821


141.4779, 0.3219,
0.3064

 8.1158, 0.3351,
0.2737

176.6377, 0.3213,
0.3080

 4.1692, 0.3400,
0.2615

217.1876, 0.3208,
0.3093

 1.7686, 0.3474,
0.2426

263.5119, 0.3203,

 0.4675, 0.3695,

0.3105

0.1894

315.9951, 0.3199,
0.3116

0.0000, 0.0000,
0.0000

47.0519, 0.3258,
0.2969

47.0519, 0.3258,
0.2969

39.3984, 0.3345,
0.2793

55.9969, 0.3184,
0.3141

32.9696, 0.3445,
0.2618

66.2836, 0.3121,
0.3306

27.7024, 0.3558,
0.2453

77.9672, 0.3069,
0.3461

23.5251, 0.3684,
0.2308

90.8395, 0.3025,
0.3601

20.3583, 0.3820,
0.2193

91.2231, 0.2987,
0.3527

■ 18.1119, 0.3961,
0.2118

■ 91.6219, 0.2950,
0.3454

■ 16.6791, 0.4102,
0.2093

■ 92.0361, 0.2913,
0.3382

■ 15.8882, 0.4240,
0.2114

■ 92.4660, 0.2877,
0.3310

■ 15.8207, 0.4254,
0.2117

■ 92.5967, 0.2866,
0.3289

Harmonies

Analogous

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



47.0519, 0.2965, 0.2839



47.0519, 0.3258, 0.2969



47.0519, 0.3525, 0.3176

Triad

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



47.0519, 0.3258, 0.2969



47.0519, 0.3529, 0.3783



47.0519, 0.2601, 0.3121

Complementary

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



47.0519, 0.3258, 0.2969



58.7324, 0.3017, 0.3634

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.



47.0519, 0.2738, 0.3393



47.0519, 0.3258, 0.2969



47.0519, 0.3270, 0.3792

Square

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



47.0519, 0.3258, 0.2969



47.0519, 0.3684, 0.3640



47.0519, 0.2980, 0.3646



47.0519, 0.2597, 0.2914

Rectangle

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



47.0519, 0.3258, 0.2969



47.0519, 0.3647, 0.3336



47.0519, 0.2980, 0.3646



47.0519, 0.2633, 0.3208

Sweetspot

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



47.0540, 0.3258, 0.2969



90.3071, 0.3165, 0.3191



43.9752, 0.2917, 0.2788



19.1136, 0.3169, 0.3180



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.



47.0540, 0.3258, 0.2969



66.9490, 0.3293, 0.2894



46.2038, 0.3431, 0.3202



11.9409, 0.3187, 0.3134



9.5620, 0.4234, 0.2106



0.5489, 0.4001, 0.1978

Inverse Universe

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



47.0540, 0.3258, 0.2969



66.9490, 0.3293, 0.2894



59.6163, 0.2890, 0.3381



11.9409, 0.3187, 0.3134



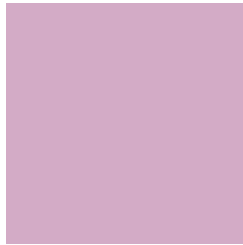
9.5620, 0.4234, 0.2106



0.5489, 0.4001, 0.1978

Previews

White Background



This preview shows how the Yxy color 47.0519, 0.3258, 0.2969 looks on a white background.

Color Contrast Check

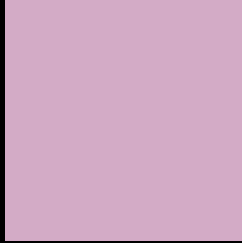
Large Text (above 18pt) WCAG AA × Fail

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 47.0519, 0.3258, 0.2969 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 47.0519, 0.3258, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 47.0519, 0.3258, 0.2969.



This preview shows how white text looks on a background with the Yxy color 47.0519, 0.3258, 0.2969.

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

47.0519, 0.3258, 0.2969

Protanopia

47.1588, 0.2936, 0.2986

Deuteranopia

47.3413, 0.3113, 0.3054



Tritanopia

46.9876, 0.3341, 0.3133

Trichromacy



Original Color

47.0519, 0.3258, 0.2969

Protanomaly

46.7849, 0.3048, 0.2979

Deuteranomaly

46.9705, 0.3166, 0.3021

Tritanomaly

46.9244, 0.3316, 0.3074

Monochromacy



Original Color

47.0519, 0.3258, 0.2969

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.3676, 0.3175, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0519, 0.3258, 0.2969 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, 171, 198)` looks like.

```
.text, #text, p{  
    color:rgb(211, 171, 198)  
}
```

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, 171, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 171, 198) }
```

Border

The CSS property to change the border of an element to Yxy 47.0519, 0.3258, 0.2969 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, 171, 198) }
```

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

```
.border{ border-color:rgb(211, 171, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 171, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 171, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 171, 198);  
box-shadow:4px 4px 4px 4px rgb(211, 171,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0519, 0.3258, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 171, 198) }
```

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

```
.background{ background-color: rgb(211,  
171, 198) }
```

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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