

Converting Colors

$Y_{xy}(42.1875, 0.3281, 0.3028)$

Have a look what the booklet for
Yxy(42.1875, 0.3281, 0.3028)
contains.

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Color

Yxy(42.3331, 0.3279, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	C8A4B9
RGB	200, 164, 185
RGB Percent	78%, 64%, 73%
CMY	0.2156, 0.3569, 0.2744
CMYK	0.00, 0.18, 0.08, 0.22
HSL	325°, 25%, 71%
HSV	325°, 18%, 78%
XYZ	45.8574, 42.3331, 51.6612
YIQ	177.1580, 14.7150, 14.1630

Conversions

Conversions Part 2

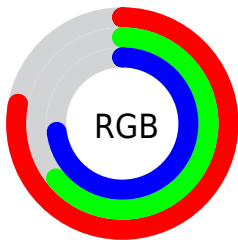
Format	Color
R _Y B	200, 164, 185
Decimal	13149369
CIE Lab	71.10, 16.73, -5.82
CIE LCh	71, 17.709, 340.820
Yxy	42.3331, 0.3279, 0.3027
Android (android.graphics.Color)	4291339449 (0xFFC8A4B9)
YUV	177.1580, 3.8661, 20.0324
Hunter-Lab	65.0639, 11.9459, -1.5320

Details

The Yxy color $42.3331, 0.3279, 0.3027$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $52.4657, 0.3000, 0.3569$, and the grayscale version is $44.0295, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.2739, 0.3237, 0.3073$, and $19.3653, 0.3325, 0.2952$ is the 20% darker color. If you saturate the color by 10%, you get $35.3885, 0.3386, 0.2874$, and if you desaturate by 10%, it is $50.4280, 0.3189, 0.3176$.

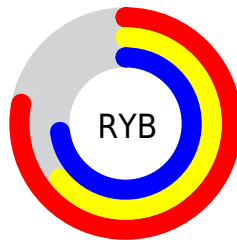
Distribution



Red (78%)

Green (64%)

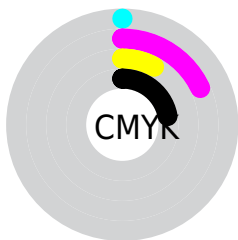
Blue (73%)



Red (78%)

Yellow (64%)

Blue (73%)

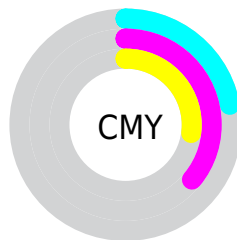


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3331, 0.3279, 0.3027 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 42.3331, 0.3279, 0.3027 by changing the saturation by 10% instead.


 42.3331, 0.3279,
0.3027


 42.3331, 0.3279,
0.3027


355.8619, 0.3203,
0.3158

 29.3622, 0.3298,
0.2994


 78.7035, 0.3251,
0.3074

 19.3550, 0.3322,
0.2953


 102.8718, 0.3241,
0.3092

 11.9271, 0.3355,
0.2898


131.5414, 0.3232,
0.3107

 6.6940, 0.3400,
0.2821

165.0966, 0.3225,
0.3120

 3.2715, 0.3467,
0.2707

203.9219, 0.3218,
0.3132

 1.2751, 0.3578,
0.2520

248.4016, 0.3213,

 0.1218, 0.4422,

0.3142

0.1027

298.9201, 0.3208,
0.3150

0.0000, 0.0000,
0.0000

42.3331, 0.3279,
0.3027

42.3331, 0.3279,
0.3027

35.3885, 0.3386,
0.2874

50.4280, 0.3189,
0.3176

29.5356, 0.3512,
0.2720

59.7170, 0.3113,
0.3317

24.7195, 0.3657,
0.2574

70.2483, 0.3050,
0.3450

20.8777, 0.3822,
0.2445

82.0660, 0.2998,
0.3572

17.9414, 0.4002,
0.2343

89.3305, 0.2953,
0.3594

■ 15.8324, 0.4194,
0.2282

■ 89.8009, 0.2909,
0.3503

■ 14.4592, 0.4389,
0.2269

■ 90.2939, 0.2865,
0.3412

■ 13.6854, 0.4579,
0.2308

■ 90.8098, 0.2822,
0.3324

■ 13.5599, 0.4618,
0.2317

■ 91.0225, 0.2805,
0.3289

Harmonies

Analogous

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



42.3331, 0.3019, 0.2900



42.3331, 0.3279, 0.3027



42.3331, 0.3504, 0.3219

Triad

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



42.3331, 0.3279, 0.3027



42.3331, 0.3456, 0.3734



42.3331, 0.2653, 0.3113

Complementary

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



42.3331, 0.3279, 0.3027



52.4657, 0.3000, 0.3569

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.



42.3331, 0.2760, 0.3348



42.3331, 0.3279, 0.3027



42.3331, 0.3219, 0.3721

Square

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



42.3331, 0.3279, 0.3027



42.3331, 0.3607, 0.3624



42.3331, 0.2965, 0.3576



42.3331, 0.2666, 0.2940

Rectangle

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



42.3331, 0.3279, 0.3027



42.3331, 0.3600, 0.3363



42.3331, 0.2965, 0.3576



42.3331, 0.2676, 0.3187

Sweetspot

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



42.3350, 0.3279, 0.3027



91.7958, 0.3165, 0.3218



40.2333, 0.2956, 0.2822



19.4106, 0.3171, 0.3208



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.



42.3350, 0.3279, 0.3027



67.8662, 0.3323, 0.2961



41.6437, 0.3439, 0.3245



10.7390, 0.3200, 0.3156



8.6379, 0.4593, 0.2304



0.4232, 0.4229, 0.2103

Inverse Universe

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



42.3350, 0.3279, 0.3027



67.8662, 0.3323, 0.2961



53.2156, 0.2882, 0.3336



10.7390, 0.3200, 0.3156



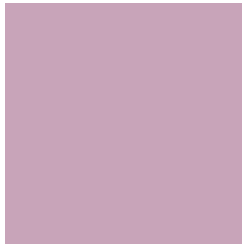
8.6379, 0.4593, 0.2304



0.4232, 0.4229, 0.2103

Previews

White Background



This preview shows how the Yxy color 42.3331, 0.3279, 0.3027 looks on a white background.

Color Contrast Check

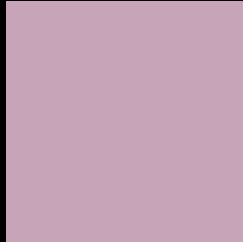
Large Text (above 18pt) WCAG AA × Fail

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 42.3331, 0.3279, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

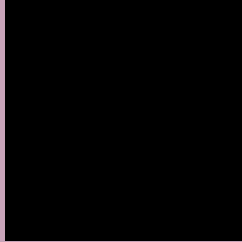
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3331, 0.3279, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 42.3331, 0.3279, 0.3027.



This preview shows how white text looks on a background with the Yxy color 42.3331, 0.3279, 0.3027.

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

42.3331, 0.3279, 0.3027

Protanopia

42.5330, 0.2982, 0.3051

Deuteranopia

42.4014, 0.3163, 0.3095



Tritanopia

42.2667, 0.3331, 0.3126

Trichromacy



Original Color

42.3331, 0.3279, 0.3027

Protanomaly

42.4909, 0.3085, 0.3043

Deuteranomaly

42.3046, 0.3211, 0.3072

Tritanomaly

42.3886, 0.3304, 0.3089

Monochromacy



Original Color

42.3331, 0.3279, 0.3027

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1146, 0.3177, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3331, 0.3279, 0.3027 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(200, 164, 185)` looks like.

```
.text, #text, p{  
    color:rgb(200, 164, 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(200, 164, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 164, 185) }
```

Border

The CSS property to change the border of an element to Yxy 42.3331, 0.3279, 0.3027 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(200, 164, 185) }
```

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

```
.border{ border-color:rgb(200, 164, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 164, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 164, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 164, 185);  
box-shadow:4px 4px 4px 4px rgb(200, 164,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3331, 0.3279, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 164, 185) }
```

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

```
.background{ background-color: rgb(200,  
164, 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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