

Converting Colors

$Y_{xy}(47.7686, 0.3072, 0.2965)$

Have a look what the booklet for
Yxy(47.7686, 0.3072, 0.2965)
contains.

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Color

Yxy(47.9362, 0.3074, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	C4B2CC
RGB	196, 178, 204
RGB Percent	77%, 70%, 80%
CMY	0.2315, 0.3019, 0.1999
CMYK	0.04, 0.13, 0.00, 0.20
HSL	281°, 20%, 75%
HSV	281°, 13%, 80%
XYZ	49.5814, 47.9362, 63.7751
YIQ	186.3460, 2.3820, 11.9020

Conversions

Conversions Part 2

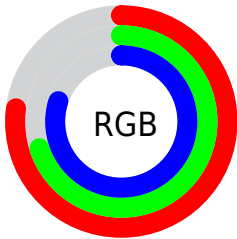
Format	Color
R _Y B	196, 178, 204
Decimal	12890828
CIE Lab	74.78, 11.18, -10.81
CIE LCh	75, 15.556, 315.969
Yxy	47.9362, 0.3074, 0.2972
Android (android.graphics.Color)	4291080908 (0xFFC4B2CC)
YUV	186.3460, 8.7034, 8.4666
Hunter-Lab	69.2360, 6.6648, -6.1485

Details

The Yxy color $47.9362, 0.3074, 0.2972$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $56.8529, 0.3174, 0.3616$, and the grayscale version is $49.2563, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9483, 0.3123, 0.3087$, and $22.6200, 0.3054, 0.2879$ is the 20% darker color. If you saturate the color by 10%, you get $39.5861, 0.3023, 0.2707$, and if you desaturate by 10%, it is $57.5334, 0.3117, 0.3224$.

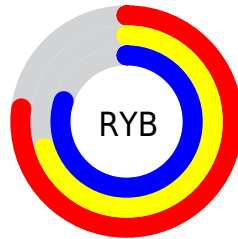
Distribution



Red (77%)

Green (70%)

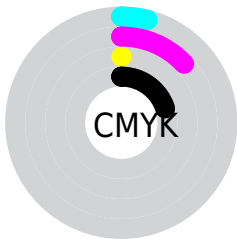
Blue (80%)



Red (77%)

Yellow (70%)

Blue (80%)

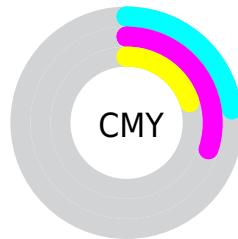


Cyan (4%)

Magenta (13%)

Yellow (0%)

Black (20%)



Cyan (23%)

Magenta (30%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9362, 0.3074, 0.2972 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 47.9362, 0.3074, 0.2972 by changing the saturation by 10% instead.

■ 47.9362, 0.3074,
0.2972

■ 47.9362, 0.3074,
0.2972

■ 378.5392, 0.3102,
0.3127

■ 33.7764, 0.3067,
0.2935

■ 87.1094, 0.3084,
0.3027

■ 22.7218, 0.3057,
0.2887

■ 112.8916, 0.3088,
0.3048

■ 14.3883, 0.3044,
0.2825

■ 143.3166, 0.3091,
0.3066

■ 8.3912, 0.3026,
0.2741

■ 178.7690, 0.3094,
0.3082

■ 4.3463, 0.2997,
0.2621

■ 219.6330, 0.3096,
0.3095

■ 1.8691, 0.2948,
0.2433

■ 266.2931, 0.3098,

■ 0.5297, 0.2889,

0.3107

0.1971

319.1337, 0.3100,
0.3118

0.0000, 0.0000,
0.0000

47.9362, 0.3074,
0.2972

47.9362, 0.3074,
0.2972

39.5861, 0.3023,
0.2707

57.5334, 0.3117,
0.3224

32.4232, 0.2964,
0.2434

68.4216, 0.3152,
0.3458

26.3923, 0.2897,
0.2161

80.6505, 0.3181,
0.3674

21.4309, 0.2823,
0.1898

91.2838, 0.3209,
0.3827

17.4704, 0.2742,
0.1658

92.2934, 0.3249,
0.3820

■ 14.4343, 0.2659,
0.1452

■ 93.3406, 0.3290,
0.3813

■ 12.2344, 0.2575,
0.1290

■ 94.4257, 0.3331,
0.3806

■ 10.7650, 0.2493,
0.1175

■ 95.5492, 0.3373,
0.3800

■ 10.0199, 0.2436,
0.1116

■ 96.7115, 0.3415,
0.3793

Harmonies

Analogous

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



47.9362, 0.2877, 0.2929



47.9362, 0.3074, 0.2972



47.9362, 0.3292, 0.3092

Triad

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



47.9362, 0.3074, 0.2972



47.9362, 0.3517, 0.3595



47.9362, 0.2794, 0.3304

Complementary

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



47.9362, 0.3074, 0.2972



56.8529, 0.3174, 0.3616

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.



47.9362, 0.2957, 0.3501



47.9362, 0.3074, 0.2972



47.9362, 0.3375, 0.3669

Square

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



47.9362, 0.3074, 0.2972



47.9362, 0.3553, 0.3445



47.9362, 0.3169, 0.3637



47.9362, 0.2720, 0.3112

Rectangle

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



47.9362, 0.3074, 0.2972



47.9362, 0.3419, 0.3202



47.9362, 0.3169, 0.3637



47.9362, 0.2840, 0.3373

Sweetspot

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



47.9383, 0.3074, 0.2972



93.0709, 0.3112, 0.3192



49.0479, 0.2929, 0.3064



19.6505, 0.3109, 0.3173



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.



47.9383, 0.3074, 0.2972



75.8034, 0.3062, 0.2908



48.8196, 0.3180, 0.3034



11.2231, 0.3089, 0.3058



6.3567, 0.2447, 0.1122



0.3669, 0.2600, 0.1206

Inverse Universe

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



48.2317, 0.3289, 0.3192



76.3901, 0.3325, 0.3172



56.0690, 0.3078, 0.3560



11.2698, 0.3242, 0.3219



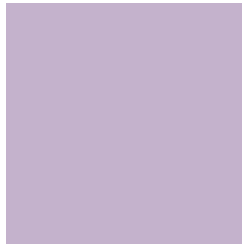
8.3210, 0.5710, 0.2919



0.4429, 0.5145, 0.2608

Previews

White Background



This preview shows how the Yxy color 47.9362, 0.3074, 0.2972 looks on a white background.

Color Contrast Check

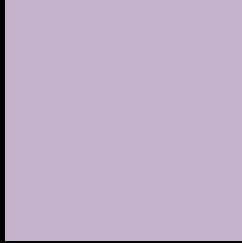
Large Text (above 18pt) WCAG AA × Fail

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 47.9362, 0.3074, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

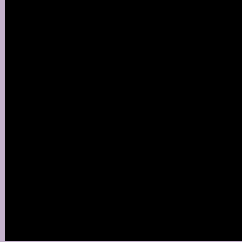
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9362, 0.3074, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 47.9362, 0.3074, 0.2972.



This preview shows how white text looks on a background with the Yxy color 47.9362, 0.3074, 0.2972.

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

47.9362, 0.3074, 0.2972

Protanopia

48.1957, 0.2930, 0.2988

Deuteranopia

47.9373, 0.3049, 0.2982



Tritanopia

48.0069, 0.3135, 0.3116

Trichromacy



Original Color

47.9362, 0.3074, 0.2972

Protanomaly

47.9431, 0.2976, 0.2978

Deuteranomaly

48.0692, 0.3057, 0.2983

Tritanomaly

47.9195, 0.3113, 0.3055

Monochromacy



Original Color

47.9362, 0.3074, 0.2972

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.6644, 0.3108, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9362, 0.3074, 0.2972 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(196, 178, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 178, 204)  
}
```

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(196, 178, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 178, 204) }
```

Border

The CSS property to change the border of an element to Yxy 47.9362, 0.3074, 0.2972 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(196, 178, 204) }
```

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

```
.border{ border-color:rgb(196, 178, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 178, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 178, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 178, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 178,  
204) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 47.9362, 0.3074, 0.2972$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 178, 204) }
```

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

```
.background{ background-color: rgb(196,  
178, 204) }
```

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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