

Converting Colors

$Y_{xy}(42.9775, 0.3050, 0.2918)$

Have a look what the booklet for
Yxy(42.9775, 0.3050, 0.2918)
contains.

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Color

Yxy(43.0179, 0.3047, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	BBA9C6
RGB	187, 169, 198
RGB Percent	73%, 66%, 78%
CMY	0.2667, 0.3372, 0.2234
CMYK	0.06, 0.15, 0.00, 0.22
HSL	277°, 20%, 72%
HSV	277°, 15%, 78%
XYZ	44.8735, 43.0179, 59.3797
YIQ	177.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

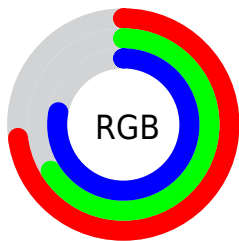
Format	Color
R_{YB}	187, 169, 198
Decimal	12298694
CIE _{Lab}	71.57, 11.89, -12.42
CIE _{LCh}	72, 17.195, 313.738
Yxy	43.0179, 0.3047, 0.2921
Android (android.graphics.Color)	4290488774 (0xFFBBA9C6)
YUV	177.6880, 10.0138, 8.1666
Hunter-Lab	65.5880, 7.3457, -7.7662

Details

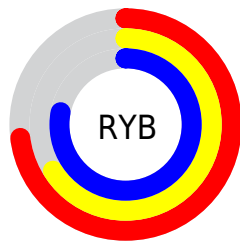
The Yxy color $43.0179, 0.3047, 0.2921$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $52.9746, 0.3197, 0.3666$, and the grayscale version is $44.2935, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.5860, 0.3060, 0.2982$, and $19.8045, 0.3027, 0.2824$ is the 20% darker color. If you saturate the color by 10%, you get $35.2752, 0.2980, 0.2650$, and if you desaturate by 10%, it is $51.9300, 0.3104, 0.3177$.

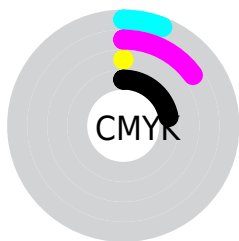
Distribution



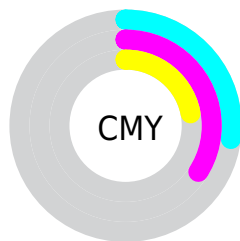
- Red (73%)
- Green (66%)
- Blue (78%)



- Red (73%)
- Yellow (66%)
- Blue (78%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (22%)





- Cyan (27%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0179, 0.3047, 0.2921 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 43.0179, 0.3047, 0.2921 by changing the saturation by 10% instead.


 43.0179, 0.3047,
0.2921


 43.0179, 0.3047,
0.2921


358.6854, 0.3089,
0.3103

 29.8992, 0.3036,
0.2876


 79.7379, 0.3063,
0.2987

 19.7621, 0.3021,
0.2819


 104.1079, 0.3069,
0.3012

 12.2222, 0.3001,
0.2744


132.9971, 0.3073,
0.3033

 6.8952, 0.2971,
0.2640

166.7900, 0.3078,
0.3051

 3.3966, 0.2925,
0.2488

205.8708, 0.3081,
0.3067

 1.3421, 0.2843,
0.2247

250.6241, 0.3084,

 0.1735, 0.2694,

0.3080

0.1027

301.4341, 0.3087,
0.3093

0.0000, 0.0000,
0.0000

43.0179, 0.3047,
0.2921

43.0179, 0.3047,
0.2921

35.2752, 0.2980,
0.2650

51.9300, 0.3104,
0.3177

28.6456, 0.2904,
0.2370

62.0537, 0.3152,
0.3415

23.0765, 0.2817,
0.2089

73.4357, 0.3191,
0.3632

18.5084, 0.2723,
0.1819

86.1185, 0.3224,
0.3830

14.8761, 0.2622,
0.1571

91.5519, 0.3265,
0.3887

■ 12.1062, 0.2519,
0.1358

■ 92.7876, 0.3314,
0.3878

■ 10.1141, 0.2417,
0.1190

■ 94.0774, 0.3364,
0.3869

■ 8.7970, 0.2321,
0.1073

■ 95.4220, 0.3414,
0.3859

■ 8.2648, 0.2271,
0.1025

■ 96.8219, 0.3464,
0.3850

Harmonies

Analogous

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



43.0179, 0.2826, 0.2879



43.0179, 0.3047, 0.2921



43.0179, 0.3298, 0.3052

Triad

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



43.0179, 0.3047, 0.2921



43.0179, 0.3582, 0.3628



43.0179, 0.2757, 0.3323

Complementary

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



43.0179, 0.3047, 0.2921



52.9746, 0.3197, 0.3666

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.



43.0179, 0.2948, 0.3547



43.0179, 0.3047, 0.2921



43.0179, 0.3425, 0.3723

Square

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



43.0179, 0.3047, 0.2921



43.0179, 0.3613, 0.3450



43.0179, 0.3192, 0.3697



43.0179, 0.2664, 0.3099

Rectangle

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



43.0179, 0.3047, 0.2921



43.0179, 0.3447, 0.3174



43.0179, 0.3192, 0.3697



43.0179, 0.2812, 0.3401

Sweetspot

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



43.0197, 0.3047, 0.2921



92.9351, 0.3107, 0.3192



45.2098, 0.2899, 0.3054



19.6161, 0.3103, 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.



43.0197, 0.3047, 0.2921



70.9663, 0.3024, 0.2825



44.3119, 0.3172, 0.2972



10.6073, 0.3078, 0.3058



5.4236, 0.2283, 0.1031



0.2974, 0.2477, 0.1138

Inverse Universe

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



43.6854, 0.3298, 0.3151



72.4322, 0.3349, 0.3115



51.8298, 0.3085, 0.3630



10.7026, 0.3231, 0.3202



8.1566, 0.5434, 0.2767



0.4003, 0.4868, 0.2455

Previews

White Background



This preview shows how the Yxy color 43.0179, 0.3047, 0.2921 looks on a white background.

Color Contrast Check

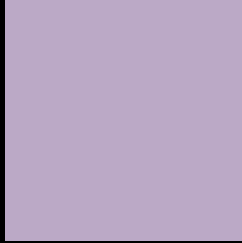
Large Text (above 18pt) WCAG AA × Fail

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 43.0179, 0.3047, 0.2921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

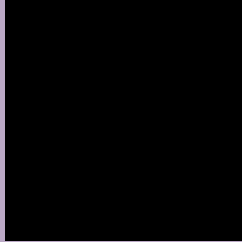
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0179, 0.3047, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 43.0179, 0.3047, 0.2921.



This preview shows how white text looks on a background with the Yxy color 43.0179, 0.3047, 0.2921.

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

43.0179, 0.3047, 0.2921

Protanopia

43.1471, 0.2890, 0.2936

Deuteranopia

43.1481, 0.3004, 0.2943



Tritanopia

42.9429, 0.3136, 0.3108

Trichromacy



Original Color

43.0179, 0.3047, 0.2921

Protanomaly

43.0223, 0.2946, 0.2927

Deuteranomaly

43.0170, 0.3021, 0.2931

Tritanomaly

42.9063, 0.3104, 0.3032

Monochromacy



Original Color

43.0179, 0.3047, 0.2921

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9865, 0.3098, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0179, 0.3047, 0.2921 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(187, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 169, 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(187, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 169, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.0179, 0.3047, 0.2921 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(187, 169, 198) }
```

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

```
.border{ border-color:rgb(187, 169, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 169, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 169, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 169, 198);  
box-shadow:4px 4px 4px 4px rgb(187, 169,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0179, 0.3047, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 169, 198) }
```

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

```
.background{ background-color: rgb(187,  
169, 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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