

Converting Colors

$Y_{xy}(43.4690, 0.3100, 0.3018)$

Have a look what the booklet for
Yxy(43.4690, 0.3100, 0.3018)
contains.

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Color

Yxy(43.6230, 0.3104, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	BCABC0
RGB	188, 171, 192
RGB Percent	74%, 67%, 75%
CMY	0.2629, 0.3293, 0.2471
CMYK	0.02, 0.11, 0.00, 0.25
HSL	288°, 14%, 71%
HSV	288°, 11%, 75%
XYZ	44.8067, 43.6230, 55.9217
YIQ	178.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

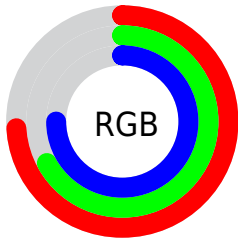
Format	Color
R _Y B	188, 171, 192
Decimal	12364736
CIE Lab	71.98, 9.93, -8.48
CIE LCh	72, 13.063, 319.500
Yxy	43.6230, 0.3104, 0.3022
Android (android.graphics.Color)	4290554816 (0xFFBCABC0)
YUV	178.4770, 6.6668, 8.3517
Hunter-Lab	66.0477, 5.5107, -3.9667

Details

The Yxy color **43.6230, 0.3104, 0.3022** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.7572, 0.3147, 0.3567**, and the grayscale version is **44.7474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4031, 0.3110, 0.3070**, and **20.2086, 0.3095, 0.2943** is the 20% darker color. If you saturate the color by 10%, you get **36.4264, 0.3078, 0.2765**, and if you desaturate by 10%, it is **51.8889, 0.3125, 0.3268**.

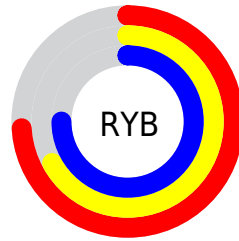
Distribution



Red (74%)

Green (67%)

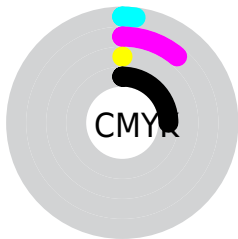
Blue (75%)



Red (74%)

Yellow (67%)

Blue (75%)

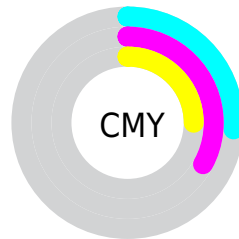


Cyan (2%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6230, 0.3104, 0.3022 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 43.6230, 0.3104, 0.3022 by changing the saturation by 10% instead.

 43.6230, 0.3104,
0.3022

 43.6230, 0.3104,
0.3022


361.1676, 0.3117,
0.3155

 30.3742, 0.3100,
0.2989


 80.6501, 0.3109,
0.3070

 20.1228, 0.3096,
0.2947

105.1973, 0.3111,
0.3088

 12.4844, 0.3089,
0.2891

134.2794, 0.3112,
0.3104

 7.0744, 0.3079,
0.2814

168.2808, 0.3113,
0.3117

 3.5087, 0.3063,
0.2700

207.5860, 0.3114,
0.3128

 1.4027, 0.3032,
0.2515

252.5792, 0.3115,

 0.2187, 0.3002,

0.3138

0.1458

303.6450, 0.3116,
0.3147

0.0000, 0.0000,
0.0000

43.6230, 0.3104,
0.3022

43.6230, 0.3104,
0.3022

36.4264, 0.3078,
0.2765

51.8889, 0.3125,
0.3268

30.2481, 0.3046,
0.2504

61.2611, 0.3142,
0.3499

25.0416, 0.3009,
0.2245

71.7816, 0.3156,
0.3714

20.7541, 0.2968,
0.1999

83.4886, 0.3166,
0.3911

17.3281, 0.2922,
0.1777

88.5099, 0.3183,
0.3977

■ 14.6993, 0.2872,
0.1587

■ 89.0468, 0.3207,
0.3972

■ 12.7947, 0.2821,
0.1439

■ 89.5962, 0.3230,
0.3967

■ 11.5272, 0.2770,
0.1336

■ 90.1582, 0.3254,
0.3962

■ 10.7761, 0.2725,
0.1275

■ 90.7329, 0.3278,
0.3957

Harmonies

Analogous

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



43.6230, 0.2928, 0.2976



43.6230, 0.3104, 0.3022



43.6230, 0.3291, 0.3134

Triad

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



43.6230, 0.3104, 0.3022



43.6230, 0.3455, 0.3567



43.6230, 0.2826, 0.3283

Complementary

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



43.6230, 0.3104, 0.3022



49.7572, 0.3147, 0.3567

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.



43.6230, 0.2960, 0.3454



43.6230, 0.3104, 0.3022



43.6230, 0.3323, 0.3620

Square

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



43.6230, 0.3104, 0.3022



43.6230, 0.3497, 0.3443



43.6230, 0.3142, 0.3579



43.6230, 0.2771, 0.3120

Rectangle

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



43.6230, 0.3104, 0.3022



43.6230, 0.3396, 0.3232



43.6230, 0.3142, 0.3579



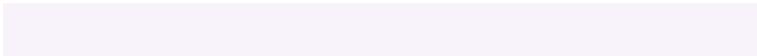
43.6230, 0.2863, 0.3341

Sweetspot

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



43.6249, 0.3104, 0.3022



90.6803, 0.3121, 0.3217



43.2097, 0.2958, 0.3067



19.1850, 0.3120, 0.3197



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.6249, 0.3104, 0.3022



75.9043, 0.3098, 0.2964



43.8718, 0.3192, 0.3103



10.1464, 0.3108, 0.3061



7.2843, 0.2731, 0.1278



0.3405, 0.2844, 0.1340

Inverse Universe

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



43.4369, 0.3284, 0.3238



75.5083, 0.3321, 0.3227



49.5425, 0.3068, 0.3485



10.1089, 0.3259, 0.3246



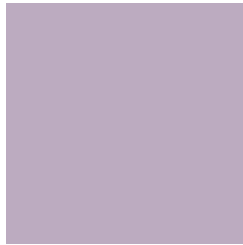
7.6393, 0.6072, 0.3119



0.3398, 0.5465, 0.2784

Previews

White Background



This preview shows how the Yxy color 43.6230, 0.3104, 0.3022 looks on a white background.

Color Contrast Check

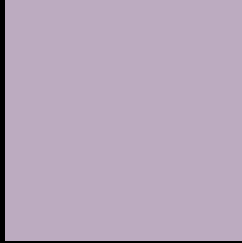
Large Text (above 18pt) WCAG AA × Fail

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 43.6230, 0.3104, 0.3022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

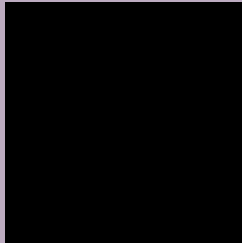
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6230, 0.3104, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 43.6230, 0.3104, 0.3022.



This preview shows how white text looks on a background with the Yxy color 43.6230, 0.3104, 0.3022.

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

43.6230, 0.3104, 0.3022

Protanopia

43.5987, 0.2960, 0.3027

Deuteranopia

43.8756, 0.3095, 0.3034



Tritanopia

43.6150, 0.3145, 0.3109

Trichromacy



Original Color

43.6230, 0.3104, 0.3022

Protanomaly

43.7509, 0.3010, 0.3030

Deuteranomaly

43.8756, 0.3095, 0.3034

Tritanomaly

43.7007, 0.3128, 0.3084

Monochromacy



Original Color

43.6230, 0.3104, 0.3022

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0239, 0.3123, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6230, 0.3104, 0.3022 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(188, 171, 192)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 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(188, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 192) }
```

Border

The CSS property to change the border of an element to Yxy 43.6230, 0.3104, 0.3022 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(188, 171, 192) }
```

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

```
.border{ border-color:rgb(188, 171, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6230, 0.3104, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 192) }
```

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

```
.background{ background-color: rgb(188,  
171, 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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