

Converting Colors

$Yxy(44.7226, 0.3036, 0.3044)$

Have a look what the booklet for
Yxy(44.7226, 0.3036, 0.3044)
contains.

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Color

Yxy(44.6223, 0.3044, 0.3045)

Conversions

Conversions Part 1

Format	Color
Hex	B7AFC2
RGB	183, 175, 194
RGB Percent	72%, 69%, 76%
CMY	0.2821, 0.3138, 0.2391
CMYK	0.06, 0.10, 0.00, 0.24
HSL	265°, 14%, 72%
HSV	265°, 10%, 76%
XYZ	44.6076, 44.6223, 57.3129
YIQ	179.5580, -1.3310, 7.6050

Conversions

Conversions Part 2

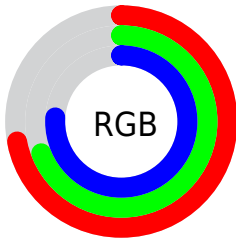
Format	Color
RYB	183, 175, 194
Decimal	12038082
CIELab	72.64, 6.48, -8.65
CIELCh	73, 10.810, 306.843
Yxy	44.6223, 0.3044, 0.3045
Android (android.graphics.Color)	4290228162 (0xFFB7AFC2)
YUV	179.5580, 7.1199, 3.0186
Hunter-Lab	66.7999, 2.2988, -4.1096

Details

The Yxy color **44.6223, 0.3044, 0.3045** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1205, 0.3205, 0.3533**, and the grayscale version is **45.3595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4047, 0.3062, 0.3099**, and **20.8052, 0.3023, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **36.2903, 0.2946, 0.2773**, and if you desaturate by 10%, it is **54.1520, 0.3129, 0.3294**.

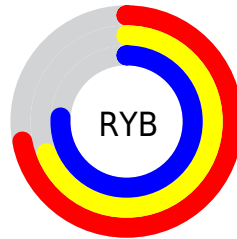
Distribution



Red (72%)

Green (69%)

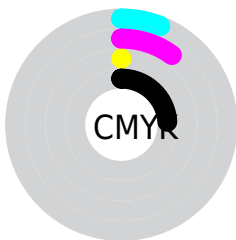
Blue (76%)



Red (72%)

Yellow (69%)

Blue (76%)

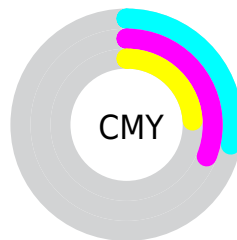


Cyan (6%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (28%)

Magenta (31%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6223, 0.3044, 0.3045 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 44.6223, 0.3044, 0.3045 by changing the saturation by 10% instead.

■ 44.6223, 0.3044,
0.3045

■ 44.6223, 0.3044,
0.3045

365.2417, 0.3087,
0.3167

■ 31.1600, 0.3033,
0.3015

■ 82.1533, 0.3060,
0.3089

■ 20.7207, 0.3019,
0.2976

106.9909, 0.3065,
0.3106

■ 12.9200, 0.3000,
0.2925

136.3890, 0.3070,
0.3120

■ 7.3735, 0.2973,
0.2855

170.7321, 0.3075,
0.3132

■ 3.6968, 0.2931,
0.2750

210.4045, 0.3078,
0.3142

■ 1.5054, 0.2860,
0.2580

255.7906, 0.3081,

■ 0.2925, 0.2641,

0.3151

0.1771

307.2749, 0.3084,
0.3159

0.0000, 0.0000,
0.0000

44.6223, 0.3044,
0.3045

44.6223, 0.3044,
0.3045

36.2903, 0.2946,
0.2773

54.1520, 0.3129,
0.3294

29.1018, 0.2833,
0.2482

64.9195, 0.3201,
0.3520

23.0066, 0.2706,
0.2179

76.9699, 0.3261,
0.3723

17.9487, 0.2568,
0.1874

90.3443, 0.3312,
0.3903

13.8670, 0.2422,
0.1581

93.7550, 0.3382,
0.3911

■ 10.6935, 0.2273,
0.1315

■ 95.7599, 0.3457,
0.3896

■ 8.3512, 0.2130,
0.1093

■ 96.6760, 0.3490,
0.3890

■ 6.7497, 0.1998,
0.0926

■ 5.7194, 0.1883,
0.0812

Harmonies

Analogous

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



44.6223, 0.2914, 0.3035



44.6223, 0.3044, 0.3045



44.6223, 0.3199, 0.3116

Triad

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



44.6223, 0.3044, 0.3045



44.6223, 0.3421, 0.3481



44.6223, 0.2919, 0.3345

Complementary

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



44.6223, 0.3044, 0.3045



52.1205, 0.3205, 0.3533

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.



44.6223, 0.3051, 0.3474



44.6223, 0.3044, 0.3045



44.6223, 0.3341, 0.3551

Square

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



44.6223, 0.3044, 0.3045



44.6223, 0.3420, 0.3364



44.6223, 0.3205, 0.3550



44.6223, 0.2843, 0.3204

Rectangle

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



44.6223, 0.3044, 0.3045



44.6223, 0.3296, 0.3190



44.6223, 0.3205, 0.3550



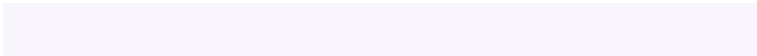
44.6223, 0.2958, 0.3392

Sweetspot

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



44.6242, 0.3044, 0.3045



92.2595, 0.3103, 0.3216



48.1637, 0.2977, 0.3187



19.8900, 0.3096, 0.3196



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.



44.6242, 0.3044, 0.3045



77.0447, 0.3022, 0.2982



45.8133, 0.3125, 0.3051



9.9520, 0.3048, 0.3057



3.7941, 0.1895, 0.0817



0.2045, 0.2155, 0.0961

Inverse Universe

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



45.6692, 0.3205, 0.3152



79.3728, 0.3226, 0.3117



50.9846, 0.3128, 0.3539



10.1730, 0.3201, 0.3158



8.3228, 0.4621, 0.2319



0.3732, 0.4224, 0.2101

Previews

White Background



This preview shows how the Yxy color 44.6223, 0.3044, 0.3045 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 44.6223, 0.3044, 0.3045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

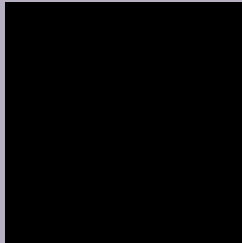
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

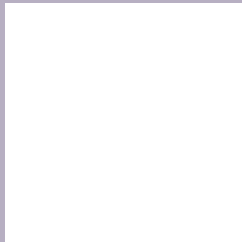
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6223, 0.3044, 0.3045

Background



This preview shows how black text looks on a background with the Yxy color 44.6223, 0.3044, 0.3045.



This preview shows how white text looks on a background with the Yxy color 44.6223, 0.3044, 0.3045.

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

44.6223, 0.3044, 0.3045

Protanopia

44.6145, 0.2977, 0.3055

Deuteranopia

44.4735, 0.3087, 0.3023



Tritanopia

44.7135, 0.3067, 0.3108

Trichromacy



Original Color

44.6223, 0.3044, 0.3045

Protanomaly

44.5745, 0.3002, 0.3044

Deuteranomaly

44.6062, 0.3070, 0.3034

Tritanomaly

44.7573, 0.3059, 0.3096

Monochromacy



Original Color

44.6223, 0.3044, 0.3045

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1673, 0.3097, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6223, 0.3044, 0.3045 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(183, 175, 194)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 194)  
}
```

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(183, 175, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 194) }
```

Border

The CSS property to change the border of an element to Yxy 44.6223, 0.3044, 0.3045 is called "border". The border property can be set on classes, ids or directly on the HTML element.

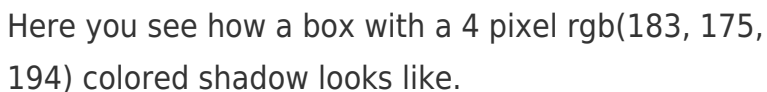
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 175, 194) }
```

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

```
.border{ border-color:rgb(183, 175, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 175, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 175, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 175, 194); box-shadow:4px 4px 4px 4px rgb(183, 175, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6223, 0.3044, 0.3045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 194) }
```

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

```
.background{ background-color: rgb(183,  
175, 194) }
```

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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