

Converting Colors

$Y_{xy}(43.6590, 0.3013, 0.2957)$

Have a look what the booklet for
Yxy(43.6590, 0.3013, 0.2957)
contains.

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Color

Yxy(43.6495, 0.3013, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	B7ACC6
RGB	183, 172, 198
RGB Percent	72%, 67%, 78%
CMY	0.2822, 0.3255, 0.2236
CMYK	0.08, 0.13, 0.00, 0.22
HSL	265°, 19%, 73%
HSV	265°, 13%, 78%
XYZ	44.4761, 43.6495, 59.4885
YIQ	178.2530, -1.7900, 10.4180

Conversions

Conversions Part 2

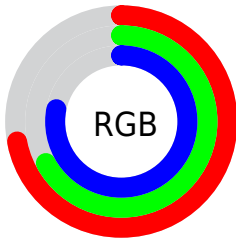
Format	Color
R _{YB}	183, 172, 198
Decimal	12037318
CIE Lab	71.99, 8.90, -11.79
CIE LCh	72, 14.769, 307.043
Yxy	43.6495, 0.3013, 0.2957
Android (android.graphics.Color)	4290227398 (0xFFB7ACC6)
YUV	178.2530, 9.7353, 4.1631
Hunter-Lab	66.0678, 4.5458, -7.1382

Details

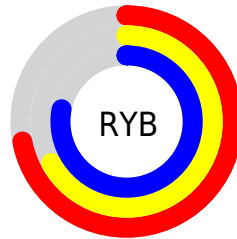
The Yxy color **43.6495, 0.3013, 0.2957** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.9102, 0.3231, 0.3620**, and the grayscale version is **44.6120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5089, 0.3032, 0.3010**, and **20.1924, 0.2980, 0.2871** is the 20% darker color. If you saturate the color by 10%, you get **35.3280, 0.2910, 0.2678**, and if you desaturate by 10%, it is **53.2102, 0.3102, 0.3214**.

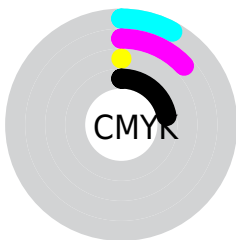
Distribution



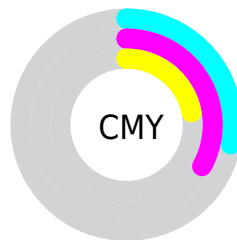
- Red (72%)
- Green (67%)
- Blue (78%)



- Red (72%)
- Yellow (67%)
- Blue (78%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (28%)
- Magenta (33%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6495, 0.3013, 0.2957 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 43.6495, 0.3013, 0.2957 by changing the saturation by 10% instead.

■ 43.6495, 0.3013,
0.2957

■ 43.6495, 0.3013,
0.2957

361.2761, 0.3072,
0.3122

■ 30.3951, 0.2998,
0.2916

■ 80.6901, 0.3035,
0.3017

■ 20.1386, 0.2978,
0.2864

105.2450, 0.3043,
0.3039

■ 12.4959, 0.2951,
0.2796

134.3355, 0.3050,
0.3058

■ 7.0823, 0.2913,
0.2701

168.3460, 0.3055,
0.3074

■ 3.5136, 0.2854,
0.2562

207.6609, 0.3060,
0.3089

■ 1.4054, 0.2753,
0.2340

252.6647, 0.3065,

■ 0.2207, 0.2489,

0.3101

0.1286

303.7416, 0.3068,
0.3112

0.0000, 0.0000,
0.0000

43.6495, 0.3013,
0.2957

43.6495, 0.3013,
0.2957

35.3280, 0.2910,
0.2678

53.2102, 0.3102,
0.3214

28.1880, 0.2792,
0.2382

64.0536, 0.3178,
0.3448

22.1756, 0.2661,
0.2077

76.2278, 0.3242,
0.3659

17.2300, 0.2520,
0.1773

89.7766, 0.3296,
0.3847

13.2850, 0.2372,
0.1487

94.1162, 0.3366,
0.3869

■ 10.2663, 0.2224,
0.1234

■ 96.1721, 0.3442,
0.3855

■ 8.0890, 0.2084,
0.1030

■ 96.8558, 0.3466,
0.3850

■ 6.6512, 0.1958,
0.0883

■ 5.9646, 0.1881,
0.0810

Harmonies

Analogous

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



43.6495, 0.2836, 0.2941



43.6495, 0.3013, 0.2957



43.6495, 0.3227, 0.3054

Triad

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



43.6495, 0.3013, 0.2957



43.6495, 0.3531, 0.3551



43.6495, 0.2841, 0.3364

Complementary

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



43.6495, 0.3013, 0.2957



53.9102, 0.3231, 0.3620

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.



43.6495, 0.3019, 0.3544



43.6495, 0.3013, 0.2957



43.6495, 0.3420, 0.3650

Square

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



43.6495, 0.3013, 0.2957



43.6495, 0.3532, 0.3390



43.6495, 0.3231, 0.3650



43.6495, 0.2739, 0.3168

Rectangle

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



43.6495, 0.3013, 0.2957



43.6495, 0.3361, 0.3154



43.6495, 0.3231, 0.3650



43.6495, 0.2893, 0.3429

Sweetspot

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



43.6513, 0.3013, 0.2957



92.5679, 0.3094, 0.3191



48.4502, 0.2925, 0.3149



19.5232, 0.3088, 0.3172



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.



43.6513, 0.3013, 0.2957



72.4916, 0.2982, 0.2872



45.2902, 0.3123, 0.2968



10.5040, 0.3048, 0.3056



3.9284, 0.1895, 0.0817



0.2285, 0.2136, 0.0950

Inverse Universe

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



45.0915, 0.3235, 0.3103



75.6081, 0.3264, 0.3057



52.3705, 0.3128, 0.3630



10.7375, 0.3201, 0.3158



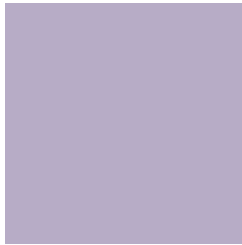
8.6137, 0.4626, 0.2322



0.4221, 0.4253, 0.2117

Previews

White Background



This preview shows how the Yxy color 43.6495, 0.3013, 0.2957 looks on a white background.

Color Contrast Check

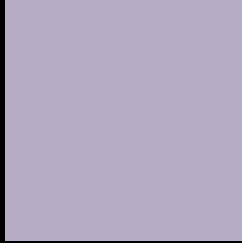
Large Text (above 18pt) WCAG AA × Fail

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 43.6495, 0.3013, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

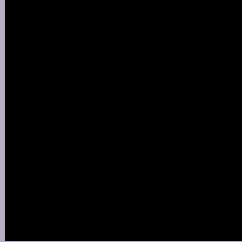
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6495, 0.3013, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 43.6495, 0.3013, 0.2957.



This preview shows how white text looks on a background with the Yxy color 43.6495, 0.3013, 0.2957.

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

43.6495, 0.3013, 0.2957

Protanopia

43.7143, 0.2914, 0.2963

Deuteranopia

43.7726, 0.3021, 0.2958



Tritanopia

43.6837, 0.3083, 0.3120

Trichromacy



Original Color

43.6495, 0.3013, 0.2957

Protanomaly

43.7427, 0.2954, 0.2966

Deuteranomaly

43.7726, 0.3021, 0.2958

Tritanomaly

43.5938, 0.3059, 0.3056

Monochromacy



Original Color

43.6495, 0.3013, 0.2957

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2567, 0.3089, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6495, 0.3013, 0.2957 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, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 172, 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(183, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 172, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.6495, 0.3013, 0.2957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

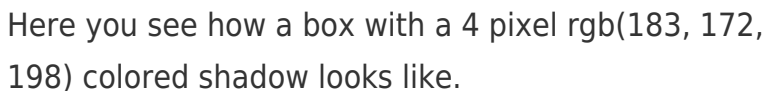
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 172, 198) }
```

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

```
.border{ border-color:rgb(183, 172, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 172, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 172, 198); box-shadow:4px 4px 4px 4px rgb(183, 172, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6495, 0.3013, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 172, 198) }
```

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

```
.background{ background-color: rgb(183,  
172, 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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