

Converting Colors

$Yxy(43.5832, 0.3063, 0.2933)$

Have a look what the booklet for
Yxy(43.5832, 0.3063, 0.2933)
contains.

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Color

Yxy(43.6455, 0.3065, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	BDAAC6
RGB	189, 170, 198
RGB Percent	74%, 67%, 78%
CMY	0.2586, 0.3334, 0.2235
CMYK	0.05, 0.14, 0.00, 0.22
HSL	281°, 20%, 72%
HSV	281°, 14%, 78%
XYZ	45.5632, 43.6455, 59.4477
YIQ	178.8730, 2.3360, 12.7360

Conversions

Conversions Part 2

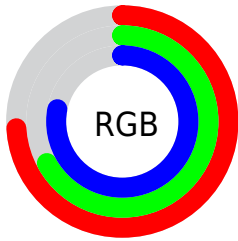
Format	Color
RYB	189, 170, 198
Decimal	12430022
CIELab	71.99, 12.05, -11.76
CIELCh	72, 16.831, 315.699
Yxy	43.6455, 0.3065, 0.2936
Android (android.graphics.Color)	4290620102 (0xFFBDAAC6)
YUV	178.8730, 9.4296, 8.8814
Hunter-Lab	66.0647, 7.4936, -7.1062

Details

The Yxy color $43.6455, 0.3065, 0.2936$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $52.8653, 0.3181, 0.3654$, and the grayscale version is $44.9599, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4829, 0.3073, 0.2993$, and $20.2047, 0.3051, 0.2845$ is the 20% darker color. If you saturate the color by 10%, you get $35.9837, 0.3011, 0.2669$, and if you desaturate by 10%, it is $52.4642, 0.3111, 0.3190$.

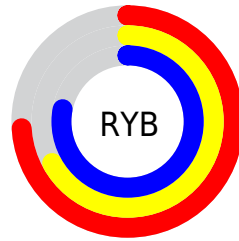
Distribution



Red (74%)

Green (67%)

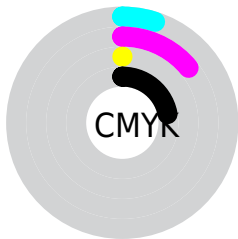
Blue (78%)



Red (74%)

Yellow (67%)

Blue (78%)

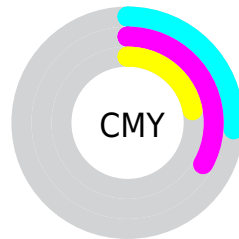


Cyan (5%)

Magenta (14%)

Yellow (0%)

Black (22%)



Cyan (26%)


Magenta (33%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6455, 0.3065, 0.2936 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 43.6455, 0.3065, 0.2936 by changing the saturation by 10% instead.


 43.6455, 0.3065,
0.2936


 43.6455, 0.3065,
0.2936

 361.2597, 0.3098,
0.3111


 30.3919, 0.3056,
0.2893


 80.6840, 0.3077,
0.2999

 20.1363, 0.3045,
0.2839


 105.2378, 0.3082,
0.3023


 12.4941, 0.3028,
0.2767


 134.3270, 0.3086,
0.3043

 7.0811, 0.3005,
0.2668

 168.3362, 0.3089,
0.3060

 3.5129, 0.2968,
0.2524

 207.6496, 0.3092,
0.3075

 1.4050, 0.2901,
0.2294

 252.6518, 0.3094,

 0.2204, 0.2814,

0.3089

0.1232

303.7270, 0.3096,
0.3100

0.0000, 0.0000,
0.0000

43.6455, 0.3065,
0.2936

43.6455, 0.3065,
0.2936

35.9837, 0.3011,
0.2669

52.4642, 0.3111,
0.3190

29.4231, 0.2949,
0.2395

62.4815, 0.3148,
0.3426

23.9113, 0.2878,
0.2122

73.7436, 0.3180,
0.3644

19.3897, 0.2800,
0.1861

86.2926, 0.3205,
0.3843

15.7938, 0.2717,
0.1623

90.9178, 0.3240,
0.3892

■ 13.0510, 0.2630,
0.1420

■ 91.9273, 0.3281,
0.3885

■ 11.0777, 0.2544,
0.1262

■ 92.9746, 0.3322,
0.3877

■ 9.7729, 0.2460,
0.1152

■ 94.0601, 0.3364,
0.3869

■ 9.2081, 0.2413,
0.1103

■ 95.1841, 0.3406,
0.3861

Harmonies

Analogous

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



43.6455, 0.2846, 0.2889



43.6455, 0.3065, 0.2936



43.6455, 0.3309, 0.3068

Triad

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



43.6455, 0.3065, 0.2936



43.6455, 0.3563, 0.3628



43.6455, 0.2758, 0.3307

Complementary

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



43.6455, 0.3065, 0.2936



52.8653, 0.3181, 0.3654

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.



43.6455, 0.2939, 0.3528



43.6455, 0.3065, 0.2936



43.6455, 0.3404, 0.3714

Square

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



43.6455, 0.3065, 0.2936



43.6455, 0.3603, 0.3459



43.6455, 0.3175, 0.3680



43.6455, 0.2674, 0.3092

Rectangle

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



43.6455, 0.3065, 0.2936



43.6455, 0.3451, 0.3190



43.6455, 0.3175, 0.3680



43.6455, 0.2809, 0.3384

Sweetspot

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



43.6474, 0.3065, 0.2936



93.0512, 0.3111, 0.3192



44.9922, 0.2906, 0.3044



19.6455, 0.3108, 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.



43.6474, 0.3065, 0.2936



72.8601, 0.3049, 0.2854



44.6153, 0.3182, 0.3000



10.6402, 0.3088, 0.3059



6.0359, 0.2423, 0.1109



0.3234, 0.2592, 0.1201

Inverse Universe

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



44.0023, 0.3307, 0.3177



73.6355, 0.3353, 0.3151



52.0139, 0.3076, 0.3598



10.6918, 0.3240, 0.3216



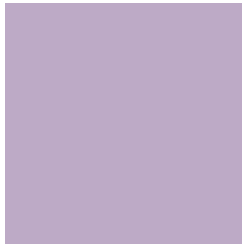
8.0567, 0.5669, 0.2897



0.3948, 0.5068, 0.2566

Previews

White Background



This preview shows how the Yxy color 43.6455, 0.3065, 0.2936 looks on a white background.

Color Contrast Check

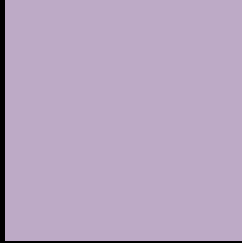
Large Text (above 18pt) WCAG AA × Fail

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 43.6455, 0.3065, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

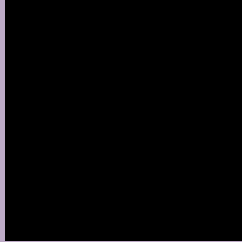
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6455, 0.3065, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 43.6455, 0.3065, 0.2936.



This preview shows how white text looks on a background with the Yxy color 43.6455, 0.3065, 0.2936.

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

43.6455, 0.3065, 0.2936

Protanopia

43.6476, 0.2899, 0.2950

Deuteranopia

43.7726, 0.3021, 0.2958



Tritanopia

43.6150, 0.3145, 0.3109

Trichromacy



Original Color

43.6455, 0.3065, 0.2936

Protanomaly

43.5222, 0.2955, 0.2941

Deuteranomaly

43.6421, 0.3038, 0.2946

Tritanomaly

43.5349, 0.3121, 0.3047

Monochromacy



Original Color

43.6455, 0.3065, 0.2936

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6631, 0.3107, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6455, 0.3065, 0.2936 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(189, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 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(189, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.6455, 0.3065, 0.2936 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(189, 170, 198) }
```

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

```
.border{ border-color:rgb(189, 170, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6455, 0.3065, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 198) }
```

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

```
.background{ background-color: rgb(189,  
170, 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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