

Converting Colors

$Y_{xy}(44.5133, 0.3006, 0.2965)$

Have a look what the booklet for
Yxy(44.5133, 0.3006, 0.2965)
contains.

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Color

Yxy(44.5860, 0.3013, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	B8AEC7
RGB	184, 174, 199
RGB Percent	72%, 68%, 78%
CMY	0.2784, 0.3177, 0.2195
CMYK	0.08, 0.13, 0.00, 0.22
HSL	264°, 18%, 73%
HSV	264°, 13%, 78%
XYZ	45.2163, 44.5860, 60.2684
YIQ	179.8400, -2.0650, 9.8950

Conversions

Conversions Part 2

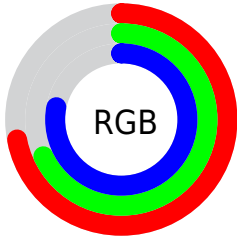
Format	Color
RYB	184, 174, 199
Decimal	12103367
CIELab	72.62, 8.35, -11.42
CIElCh	73, 14.146, 306.152
Yxy	44.5860, 0.3013, 0.2971
Android (android.graphics.Color)	4290293447 (0xFFB8AEC7)
YUV	179.8400, 9.4459, 3.6483
Hunter-Lab	66.7727, 4.0220, -6.7736

Details

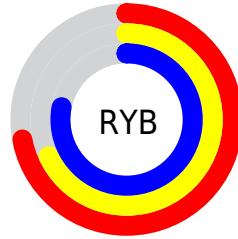
The Yxy color $44.5860, 0.3013, 0.2971$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $54.7324, 0.3231, 0.3605$, and the grayscale version is $45.5031, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7839, 0.3039, 0.3031$, and $20.7887, 0.2981, 0.2892$ is the 20% darker color. If you saturate the color by 10%, you get $36.0469, 0.2906, 0.2692$, and if you desaturate by 10%, it is $54.3926, 0.3106, 0.3228$.

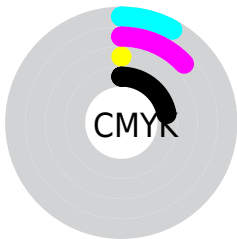
Distribution



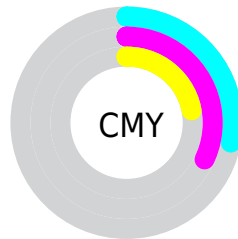
- Red (72%)
- Green (68%)
- Blue (78%)



- Red (72%)
- Yellow (68%)
- Blue (78%)



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



- Cyan (28%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5860, 0.3013, 0.2971 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 44.5860, 0.3013, 0.2971 by changing the saturation by 10% instead.

■ 44.5860, 0.3013,
0.2971

■ 44.5860, 0.3013,
0.2971

365.0943, 0.3071,
0.3129

■ 31.1315, 0.2998,
0.2932

■ 82.0988, 0.3035,
0.3028

■ 20.6990, 0.2979,
0.2883

106.9259, 0.3043,
0.3049

■ 12.9041, 0.2952,
0.2818

136.3126, 0.3049,
0.3068

■ 7.3626, 0.2915,
0.2728

170.6433, 0.3055,
0.3083

■ 3.6899, 0.2858,
0.2596

210.3024, 0.3060,
0.3097

■ 1.5016, 0.2760,
0.2386

255.6743, 0.3064,

■ 0.2899, 0.2534,

0.3109

0.1533

307.1435, 0.3068,
0.3119

0.0000, 0.0000,
0.0000

44.5860, 0.3013,
0.2971

44.5860, 0.3013,
0.2971

36.0469, 0.2906,
0.2692

54.3926, 0.3106,
0.3228

28.7166, 0.2784,
0.2394

65.5109, 0.3185,
0.3460

22.5402, 0.2648,
0.2086

77.9897, 0.3251,
0.3669

17.4563, 0.2502,
0.1779

91.8738, 0.3308,
0.3855

13.3975, 0.2349,
0.1487

94.8227, 0.3384,
0.3854

■ 10.2887, 0.2196,
0.1229

■ 96.9045, 0.3460,
0.3840

■ 8.0439, 0.2052,
0.1018

■ 6.5607, 0.1924,
0.0867

■ 5.8155, 0.1840,
0.0787

Harmonies

Analogous

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



44.5860, 0.2846, 0.2959



44.5860, 0.3013, 0.2971



44.5860, 0.3216, 0.3062

Triad

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



44.5860, 0.3013, 0.2971



44.5860, 0.3513, 0.3535



44.5860, 0.2859, 0.3366

Complementary

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



44.5860, 0.3013, 0.2971



54.7324, 0.3231, 0.3605

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.



44.5860, 0.3031, 0.3536



44.5860, 0.3013, 0.2971



44.5860, 0.3410, 0.3631

Square

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



44.5860, 0.3013, 0.2971



44.5860, 0.3510, 0.3380



44.5860, 0.3232, 0.3634



44.5860, 0.2759, 0.3180

Rectangle

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



44.5860, 0.3013, 0.2971



44.5860, 0.3344, 0.3156



44.5860, 0.3232, 0.3634



44.5860, 0.2910, 0.3427

Sweetspot

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



44.5879, 0.3013, 0.2971



92.5221, 0.3093, 0.3191



49.5234, 0.2934, 0.3161



19.5116, 0.3086, 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.



44.5879, 0.3013, 0.2971



73.8829, 0.2986, 0.2899



46.2013, 0.3120, 0.2981



10.4912, 0.3044, 0.3056



3.7865, 0.1854, 0.0795



0.2212, 0.2097, 0.0929

Inverse Universe

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



46.0907, 0.3224, 0.3104



77.0297, 0.3248, 0.3063



53.2014, 0.3131, 0.3615



10.7419, 0.3198, 0.3152



8.6871, 0.4526, 0.2267



0.4254, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 44.5860, 0.3013, 0.2971 looks on a white background.

Color Contrast Check

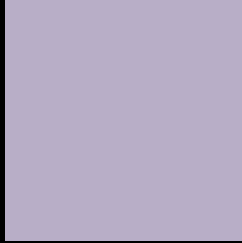
Large Text (above 18pt) WCAG AA × Fail

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 44.5860, 0.3013, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

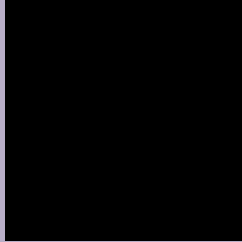
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5860, 0.3013, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 44.5860, 0.3013, 0.2971.



This preview shows how white text looks on a background with the Yxy color 44.5860, 0.3013, 0.2971.

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

44.5860, 0.3013, 0.2971

Protanopia

44.7753, 0.2924, 0.2979

Deuteranopia

44.4498, 0.3030, 0.2960



Tritanopia

44.6699, 0.3075, 0.3121

Trichromacy



Original Color

44.5860, 0.3013, 0.2971

Protanomaly

44.6858, 0.2955, 0.2980

Deuteranomaly

44.3249, 0.3022, 0.2959

Tritanomaly

44.5775, 0.3052, 0.3058

Monochromacy



Original Color

44.5860, 0.3013, 0.2971

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2524, 0.3081, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5860, 0.3013, 0.2971 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(184, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 174, 199)  
}
```

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(184, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 174, 199) }
```

Border

The CSS property to change the border of an element to Yxy 44.5860, 0.3013, 0.2971 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(184, 174, 199) }
```

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

```
.border{ border-color:rgb(184, 174, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 174,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5860, 0.3013, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 174, 199) }
```

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

```
.background{ background-color: rgb(184,  
174, 199) }
```

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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