

Converting Colors

$Yxy(44.3392, 0.2997, 0.2964)$

Have a look what the booklet for
Yxy(44.3392, 0.2997, 0.2964)
contains.

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Color

Yxy(44.3407, 0.2996, 0.2970)

Conversions

Conversions Part 1

Format	Color
Hex	B6AEC7
RGB	182, 174, 199
RGB Percent	71%, 68%, 78%
CMY	0.2864, 0.3176, 0.2197
CMYK	0.09, 0.13, 0.00, 0.22
HSL	259°, 18%, 73%
HSV	259°, 13%, 78%
XYZ	44.7289, 44.3407, 60.2257
YIQ	179.2420, -3.2570, 9.4710

Conversions

Conversions Part 2

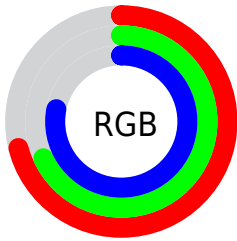
Format	Color
R _Y B	182, 174, 199
Decimal	11972295
CIE Lab	72.46, 7.64, -11.66
CIE LCh	72, 13.943, 303.223
Yxy	44.3407, 0.2996, 0.2970
Android (android.graphics.Color)	4290162375 (0xFFB6AEC7)
YUV	179.2420, 9.7407, 2.4188
Hunter-Lab	66.5888, 3.3711, -7.0122

Details

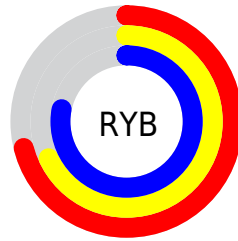
The Yxy color $44.3407, 0.2996, 0.2970$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $54.9790, 0.3248, 0.3603$, and the grayscale version is $45.1619, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4358, 0.3026, 0.3030$, and $20.6305, 0.2958, 0.2889$ is the 20% darker color. If you saturate the color by 10%, you get $35.6423, 0.2873, 0.2687$, and if you desaturate by 10%, it is $54.3418, 0.3102, 0.3228$.

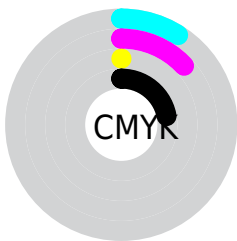
Distribution



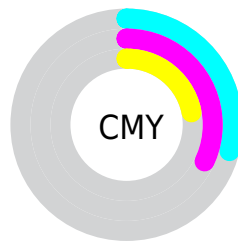
- Red (71%)
- Green (68%)
- Blue (78%)



- Red (71%)
- Yellow (68%)
- Blue (78%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)



- Cyan (29%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3407, 0.2996, 0.2970 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 44.3407, 0.2996, 0.2970 by changing the saturation by 10% instead.

■ 44.3407, 0.2996,
0.2970

■ 44.3407, 0.2996,
0.2970

364.0968, 0.3063,
0.3128

■ 30.9384, 0.2979,
0.2931

■ 81.7302, 0.3021,
0.3027

■ 20.5520, 0.2957,
0.2881

106.4862, 0.3030,
0.3049

■ 12.7969, 0.2927,
0.2815

135.7955, 0.3037,
0.3067

■ 7.2888, 0.2884,
0.2725

170.0427, 0.3044,
0.3083

■ 3.6434, 0.2820,
0.2592

209.6120, 0.3050,
0.3096

■ 1.4762, 0.2710,
0.2379

254.8878, 0.3055,

■ 0.2719, 0.2423,

0.3108

0.1481

306.2546, 0.3059,
0.3119

0.0000, 0.0000,
0.0000

44.3407, 0.2996,
0.2970

44.3407, 0.2996,
0.2970

35.6423, 0.2873,
0.2687

54.3418, 0.3102,
0.3228

28.1865, 0.2735,
0.2383

65.6912, 0.3194,
0.3461

21.9169, 0.2581,
0.2065

78.4390, 0.3272,
0.3667

16.7705, 0.2417,
0.1747

92.6312, 0.3337,
0.3850

12.6780, 0.2248,
0.1443

95.9272, 0.3425,
0.3847

■ 9.5626, 0.2083,
0.1173

■ 96.9029, 0.3460,
0.3840

■ 7.3362, 0.1931,
0.0955

■ 5.8941, 0.1801,
0.0801

■ 5.1913, 0.1721,
0.0722

Harmonies

Analogous

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



44.3407, 0.2837, 0.2966



44.3407, 0.2996, 0.2970



44.3407, 0.3195, 0.3053

Triad

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



44.3407, 0.2996, 0.2970



44.3407, 0.3513, 0.3519



44.3407, 0.2876, 0.3383

Complementary

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



44.3407, 0.2996, 0.2970



54.9790, 0.3248, 0.3603

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.



44.3407, 0.3051, 0.3546



44.3407, 0.2996, 0.2970



44.3407, 0.3420, 0.3621

Square

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



44.3407, 0.2996, 0.2970



44.3407, 0.3499, 0.3363



44.3407, 0.3250, 0.3634



44.3407, 0.2769, 0.3198

Rectangle

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



44.3407, 0.2996, 0.2970



44.3407, 0.3324, 0.3142



44.3407, 0.3250, 0.3634



44.3407, 0.2929, 0.3443

Sweetspot

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



44.3426, 0.2996, 0.2970



92.3690, 0.3087, 0.3191



50.4201, 0.2935, 0.3188



19.4729, 0.3080, 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.



44.3426, 0.2996, 0.2970



73.3630, 0.2965, 0.2897



45.9252, 0.3102, 0.2980



10.4486, 0.3031, 0.3055



3.3805, 0.1734, 0.0729



0.1992, 0.1973, 0.0860

Inverse Universe

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



46.1823, 0.3207, 0.3079



77.2173, 0.3226, 0.3033



53.4333, 0.3148, 0.3613



10.7569, 0.3185, 0.3134



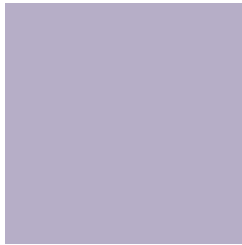
8.9607, 0.4205, 0.2090



0.4370, 0.3948, 0.1949

Previews

White Background



This preview shows how the Yxy color 44.3407, 0.2996, 0.2970 looks on a white background.

Color Contrast Check

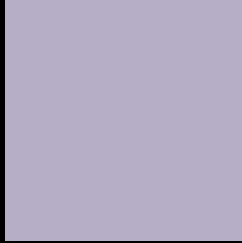
Large Text (above 18pt) WCAG AA × Fail

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 44.3407, 0.2996, 0.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

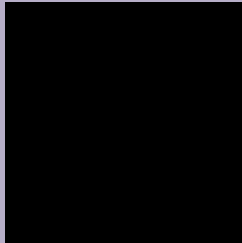
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3407, 0.2996, 0.2970

Background



This preview shows how black text looks on a background with the Yxy color 44.3407, 0.2996, 0.2970.



This preview shows how white text looks on a background with the Yxy color 44.3407, 0.2996, 0.2970.

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

44.3407, 0.2996, 0.2970

Protanopia

44.2195, 0.2923, 0.2977

Deuteranopia

44.3249, 0.3022, 0.2959



Tritanopia

44.4281, 0.3057, 0.3120

Trichromacy



Original Color

44.3407, 0.2996, 0.2970

Protanomaly

44.1772, 0.2947, 0.2966

Deuteranomaly

44.2010, 0.3013, 0.2958

Tritanomaly

44.3340, 0.3035, 0.3057

Monochromacy



Original Color

44.3407, 0.2996, 0.2970

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6927, 0.3081, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3407, 0.2996, 0.2970 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(182, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 174, 199) }
```

Border

The CSS property to change the border of an element to Yxy 44.3407, 0.2996, 0.2970 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(182, 174, 199) }
```

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

```
.border{ border-color:rgb(182, 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(182, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(182, 174,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3407, 0.2996, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 174, 199) }
```

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

```
.background{ background-color: rgb(182,  
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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