

Converting Colors

$Yxy(44.6881, 0.3066, 0.2987)$

Have a look what the booklet for
Yxy(44.6881, 0.3066, 0.2987)
contains.

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Color

Yxy(44.6097, 0.3063, 0.2986)

Conversions

Conversions Part 1

Format	Color
Hex	BCADC5
RGB	188, 173, 197
RGB Percent	74%, 68%, 77%
CMY	0.2628, 0.3215, 0.2274
CMYK	0.05, 0.12, 0.00, 0.23
HSL	277°, 17%, 73%
HSV	277°, 12%, 77%
XYZ	45.7601, 44.6097, 59.0264
YIQ	180.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

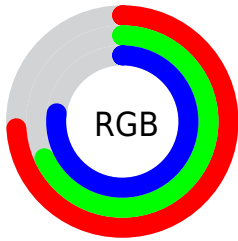
Format	Color
RYB	188, 173, 197
Decimal	12365253
CIELab	72.63, 9.84, -10.26
CIELCh	73, 14.213, 313.793
Yxy	44.6097, 0.3063, 0.2986
Android (android.graphics.Color)	4290555333 (0xFFBCADC5)
YUV	180.2210, 8.2720, 6.8222
Hunter-Lab	66.7905, 5.4120, -5.6445

Details

The Yxy color **44.6097, 0.3063, 0.2986** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9011, 0.3184, 0.3599**, and the grayscale version is **45.7217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8757, 0.3072, 0.3032**, and **20.8088, 0.3049, 0.2912** is the 20% darker color. If you saturate the color by 10%, you get **36.6890, 0.3000, 0.2719**, and if you desaturate by 10%, it is **53.6964, 0.3117, 0.3238**.

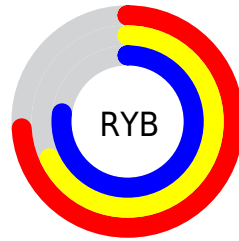
Distribution



Red (74%)

Green (68%)

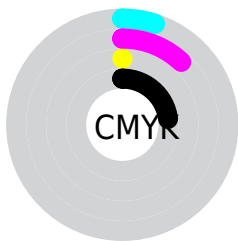
Blue (77%)



Red (74%)

Yellow (68%)

Blue (77%)

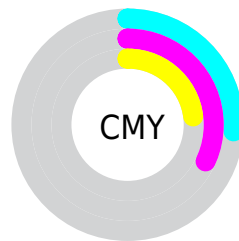


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (23%)



Cyan (26%)

Magenta (32%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6097, 0.3063, 0.2986 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 44.6097, 0.3063, 0.2986 by changing the saturation by 10% instead.

■ 44.6097, 0.3063,
0.2986

■ 44.6097, 0.3063,
0.2986

365.1905, 0.3096,
0.3136

■ 31.1501, 0.3054,
0.2949

■ 82.1344, 0.3075,
0.3040

■ 20.7132, 0.3043,
0.2902

106.9683, 0.3080,
0.3061

■ 12.9145, 0.3027,
0.2840

136.3625, 0.3084,
0.3078

■ 7.3697, 0.3004,
0.2755

170.7013, 0.3087,
0.3093

■ 3.6944, 0.2969,
0.2630

210.3691, 0.3090,
0.3106

■ 1.5041, 0.2907,
0.2430

255.7503, 0.3092,

■ 0.2916, 0.2803,

0.3117

0.1580

307.2293, 0.3095,
0.3127

■ 0.0000, 0.0000,
0.0000

■ 44.6097, 0.3063,
0.2986

■ 44.6097, 0.3063,
0.2986

■ 36.6890, 0.3000,
0.2719

■ 53.6964, 0.3117,
0.3238

■ 29.8793, 0.2927,
0.2441

■ 63.9897, 0.3162,
0.3470

■ 24.1297, 0.2844,
0.2160

■ 75.5353, 0.3199,
0.3683

■ 19.3829, 0.2752,
0.1887

■ 88.3745, 0.3229,
0.3876

■ 15.5760, 0.2655,
0.1633

■ 91.5570, 0.3273,
0.3898

12.6388, 0.2553,
0.1411

92.7718, 0.3322,
0.3889

10.4911, 0.2452,
0.1233

94.0389, 0.3370,
0.3879

9.0367, 0.2355,
0.1104

95.3587, 0.3419,
0.3870

8.2444, 0.2283,
0.1031

96.7320, 0.3469,
0.3860

Harmonies

Analogous

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



44.6097, 0.2881, 0.2952



44.6097, 0.3063, 0.2986



44.6097, 0.3268, 0.3094

Triad

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



44.6097, 0.3063, 0.2986



44.6097, 0.3498, 0.3568



44.6097, 0.2824, 0.3318

Complementary

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



44.6097, 0.3063, 0.2986



52.9011, 0.3184, 0.3599

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.



44.6097, 0.2981, 0.3498



44.6097, 0.3063, 0.2986



44.6097, 0.3371, 0.3643

Square

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



44.6097, 0.3063, 0.2986



44.6097, 0.3523, 0.3424



44.6097, 0.3181, 0.3619



44.6097, 0.2747, 0.3136

Rectangle

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



44.6097, 0.3063, 0.2986



44.6097, 0.3388, 0.3196



44.6097, 0.3181, 0.3619



44.6097, 0.2869, 0.3381

Sweetspot

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



44.6116, 0.3063, 0.2986



92.9446, 0.3107, 0.3192



46.4571, 0.2939, 0.3097



19.6185, 0.3103, 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.



44.6116, 0.3063, 0.2986



75.3537, 0.3045, 0.2906



45.6652, 0.3164, 0.3027



10.6100, 0.3079, 0.3058



5.4712, 0.2294, 0.1038



0.2995, 0.2486, 0.1143

Inverse Universe

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



45.1390, 0.3267, 0.3177



76.5329, 0.3307, 0.3147



51.9481, 0.3092, 0.3568



10.7017, 0.3232, 0.3204



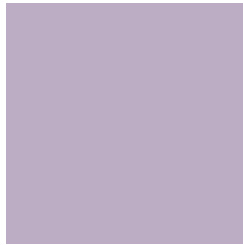
8.1477, 0.5454, 0.2778



0.3998, 0.4885, 0.2464

Previews

White Background



This preview shows how the Yxy color 44.6097, 0.3063, 0.2986 looks on a white background.

Color Contrast Check

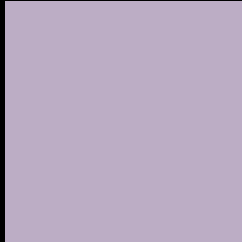
Large Text (above 18pt) WCAG AA × Fail

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 44.6097, 0.3063, 0.2986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

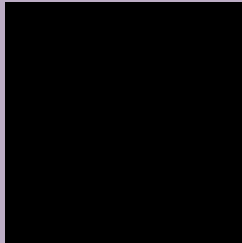
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6097, 0.3063, 0.2986

Background



This preview shows how black text looks on a background with the Yxy color 44.6097, 0.3063, 0.2986.



This preview shows how white text looks on a background with the Yxy color 44.6097, 0.3063, 0.2986.

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

44.6097, 0.3063, 0.2986

Protanopia

44.7284, 0.2931, 0.2991

Deuteranopia

44.4832, 0.3055, 0.2985



Tritanopia

44.4677, 0.3127, 0.3110

Trichromacy



Original Color

44.6097, 0.3063, 0.2986

Protanomaly

44.8775, 0.2980, 0.2994

Deuteranomaly

44.4832, 0.3055, 0.2985

Tritanomaly

44.5985, 0.3102, 0.3072

Monochromacy



Original Color

44.6097, 0.3063, 0.2986

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0567, 0.3107, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6097, 0.3063, 0.2986 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(188, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(188, 173, 197)  
}
```

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(188, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 173, 197) }
```

Border

The CSS property to change the border of an element to Yxy 44.6097, 0.3063, 0.2986 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(188, 173, 197) }
```

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

```
.border{ border-color:rgb(188, 173, 197) }
```

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

Here you see how a box with a 4 pixel rgb(188, 173, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(188, 173,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6097, 0.3063, 0.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 173, 197) }
```

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

```
.background{ background-color: rgb(188,  
173, 197) }
```

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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