

Converting Colors

$Yxy(44.8327, 0.3037, 0.2982)$

Have a look what the booklet for
Yxy(44.8327, 0.3037, 0.2982)
contains.

Yxy(44.7884, 0.3038, 0.2985)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.7884, 0.3038, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	BAAEC6
RGB	186, 174, 198
RGB Percent	73%, 68%, 78%
CMY	0.2705, 0.3177, 0.2235
CMYK	0.06, 0.12, 0.00, 0.22
HSL	270°, 17%, 73%
HSV	270°, 12%, 78%
XYZ	45.5836, 44.7884, 59.6729
YIQ	180.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

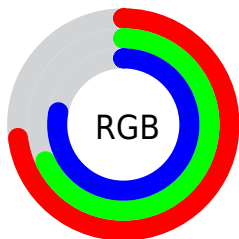
Format	Color
R _Y B	186, 174, 198
Decimal	12234438
CIE Lab	72.75, 8.82, -10.65
CIE LCh	73, 13.828, 309.641
Yxy	44.7884, 0.3038, 0.2985
Android (android.graphics.Color)	4290424518 (0xFFBAAEC6)
YUV	180.3240, 8.7143, 4.9779
Hunter-Lab	66.9241, 4.4634, -6.0190

Details

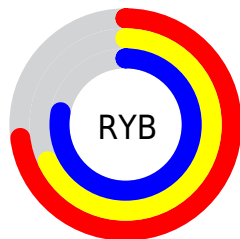
The Yxy color **44.7884, 0.3038, 0.2985** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.8842, 0.3208, 0.3595**, and the grayscale version is **45.7800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1359, 0.3052, 0.3032**, and **20.9192, 0.3015, 0.2911** is the 20% darker color. If you saturate the color by 10%, you get **36.5000, 0.2951, 0.2712**, and if you desaturate by 10%, it is **54.2939, 0.3113, 0.3239**.

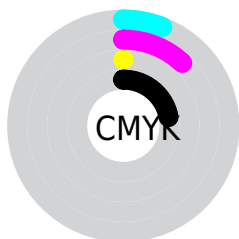
Distribution



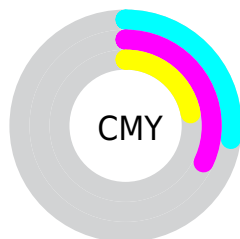
- Red (73%)
- Green (68%)
- Blue (78%)



- Red (73%)
- Yellow (68%)
- Blue (78%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (22%)



- Cyan (27%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7884, 0.3038, 0.2985 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 44.7884, 0.3038, 0.2985 by changing the saturation by 10% instead.

■ 44.7884, 0.3038,
0.2985

■ 44.7884, 0.3038,
0.2985

365.9159, 0.3084,
0.3136

■ 31.2908, 0.3026,
0.2948

■ 82.4028, 0.3055,
0.3039

■ 20.8204, 0.3011,
0.2901

107.2884, 0.3061,
0.3060

■ 12.9928, 0.2990,
0.2839

136.7387, 0.3067,
0.3077

■ 7.4236, 0.2960,
0.2753

171.1382, 0.3071,
0.3092

■ 3.7284, 0.2914,
0.2627

210.8713, 0.3075,
0.3105

■ 1.5228, 0.2835,
0.2427

256.3224, 0.3078,

■ 0.3047, 0.2671,

0.3117

0.1612

307.8758, 0.3081,
0.3127

0.0000, 0.0000,
0.0000

44.7884, 0.3038,
0.2985

44.7884, 0.3038,
0.2985

36.5000, 0.2951,
0.2712

54.2939, 0.3113,
0.3239

29.3723, 0.2851,
0.2423

65.0587, 0.3176,
0.3471

23.3524, 0.2739,
0.2127

77.1298, 0.3229,
0.3681

18.3815, 0.2616,
0.1835

90.5502, 0.3273,
0.3869

14.3947, 0.2486,
0.1559

93.3335, 0.3336,
0.3874

■ 11.3199, 0.2354,
0.1314

■ 95.0667, 0.3401,
0.3862

■ 9.0745, 0.2226,
0.1114

■ 96.8576, 0.3466,
0.3850

■ 7.5602, 0.2106,
0.0969

■ 6.7411, 0.2020,
0.0887

Harmonies

Analogous

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



44.7884, 0.2868, 0.2964



44.7884, 0.3038, 0.2985



44.7884, 0.3237, 0.3081

Triad

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



44.7884, 0.3038, 0.2985



44.7884, 0.3497, 0.3544



44.7884, 0.2850, 0.3343

Complementary

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



44.7884, 0.3038, 0.2985



53.8842, 0.3208, 0.3595

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.



44.7884, 0.3011, 0.3513



44.7884, 0.3038, 0.2985



44.7884, 0.3386, 0.3628

Square

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



44.7884, 0.3038, 0.2985



44.7884, 0.3507, 0.3398



44.7884, 0.3207, 0.3619



44.7884, 0.2762, 0.3163

Rectangle

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



44.7884, 0.3038, 0.2985



44.7884, 0.3359, 0.3177



44.7884, 0.3207, 0.3619



44.7884, 0.2897, 0.3404

Sweetspot

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



44.7903, 0.3038, 0.2985



92.7112, 0.3099, 0.3191



48.1944, 0.2940, 0.3135



19.5594, 0.3094, 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.



44.7903, 0.3038, 0.2985



74.5346, 0.3012, 0.2902



46.3550, 0.3141, 0.2995



10.5441, 0.3060, 0.3057



4.4344, 0.2034, 0.0894



0.2530, 0.2264, 0.1021

Inverse Universe

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



45.8217, 0.3241, 0.3141



76.8037, 0.3274, 0.3101



52.4459, 0.3112, 0.3604



10.7237, 0.3213, 0.3175



8.4084, 0.4944, 0.2497



0.4128, 0.4487, 0.2246

Previews

White Background



This preview shows how the Yxy color 44.7884, 0.3038, 0.2985 looks on a white background.

Color Contrast Check

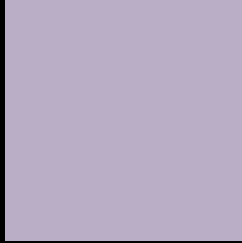
Large Text (above 18pt) WCAG AA × Fail

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 44.7884, 0.3038, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

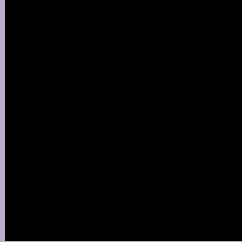
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7884, 0.3038, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 44.7884, 0.3038, 0.2985.



This preview shows how white text looks on a background with the Yxy color 44.7884, 0.3038, 0.2985.

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

44.7884, 0.3038, 0.2985

Protanopia

44.7284, 0.2931, 0.2991

Deuteranopia

44.9141, 0.3046, 0.2986



Tritanopia

44.6484, 0.3101, 0.3110

Trichromacy



Original Color

44.7884, 0.3038, 0.2985

Protanomaly

44.7579, 0.2971, 0.2994

Deuteranomaly

44.9141, 0.3046, 0.2986

Tritanomaly

44.7800, 0.3077, 0.3072

Monochromacy



Original Color

44.7884, 0.3038, 0.2985

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3737, 0.3090, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7884, 0.3038, 0.2985 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(186, 174, 198)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 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(186, 174, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 198) }
```

Border

The CSS property to change the border of an element to Yxy 44.7884, 0.3038, 0.2985 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(186, 174, 198) }
```

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

```
.border{ border-color:rgb(186, 174, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 174, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 198);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7884, 0.3038, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 198) }
```

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

```
.background{ background-color: rgb(186,  
174, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor