

Converting Colors

$Yxy(44.6067, 0.2944, 0.2957)$

Have a look what the booklet for
Yxy(44.6067, 0.2944, 0.2957)
contains.

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Color

Yxy(44.7327, 0.2948, 0.2968)

Conversions

Conversions Part 1

Format	Color
Hex	B2B0C9
RGB	178, 176, 201
RGB Percent	70%, 69%, 79%
CMY	0.3019, 0.3098, 0.2117
CMYK	0.11, 0.12, 0.00, 0.21
HSL	245°, 19%, 74%
HSV	245°, 12%, 79%
XYZ	44.4313, 44.7327, 61.5527
YIQ	179.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

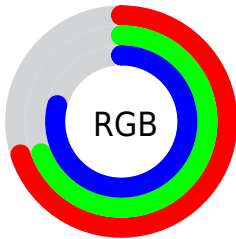
Format	Color
R _Y B	178, 176, 201
Decimal	11710665
CIE _{Lab}	72.72, 5.65, -12.41
CIE _{LCh}	73, 13.640, 294.491
Y _{xy}	44.7327, 0.2948, 0.2968
Android (android.graphics.Color)	4289900745 (0xFFB2B0C9)
Y _{UV}	179.4480, 10.6251, -1.2699
Hunter-Lab	66.8825, 1.5364, -7.7475

Details

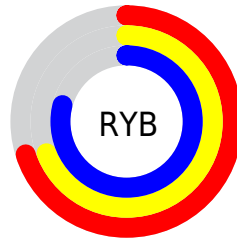
The Yxy color **44.7327, 0.2948, 0.2968** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0496, 0.3295, 0.3596**, and the grayscale version is **45.2780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4257, 0.2999, 0.3058**, and **20.8819, 0.2893, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **35.3865, 0.2782, 0.2674**, and if you desaturate by 10%, it is **55.5441, 0.3094, 0.3231**.

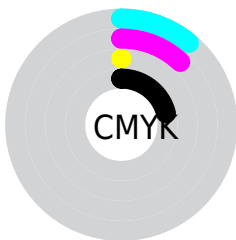
Distribution



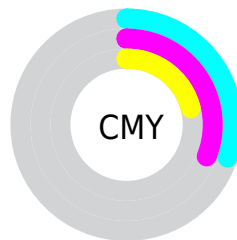
- Red (70%)
- Green (69%)
- Blue (79%)



- Red (70%)
- Yellow (69%)
- Blue (79%)



- Cyan (11%)
- Magenta (12%)
- Yellow (0%)
- Black (21%)



- Cyan (30%)
- Magenta (31%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.7327, 0.2948, 0.2968 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 44.7327, 0.2948, 0.2968 by changing the saturation by 10% instead.

■ 44.7327, 0.2948,
0.2968

■ 44.7327, 0.2948,
0.2968

365.6899, 0.3039,
0.3128

■ 31.2469, 0.2925,
0.2929

■ 82.3192, 0.2981,
0.3026

■ 20.7870, 0.2896,
0.2878

107.1886, 0.2994,
0.3047

■ 12.9684, 0.2856,
0.2812

136.6215, 0.3004,
0.3066

■ 7.4068, 0.2800,
0.2721

171.0021, 0.3013,
0.3082

■ 3.7178, 0.2717,
0.2586

210.7148, 0.3021,
0.3095

■ 1.5170, 0.2577,
0.2371

256.1441, 0.3027,

■ 0.3006, 0.2186,

0.3107

0.1551

307.6743, 0.3033,
0.3118

0.0000, 0.0000,
0.0000

44.7327, 0.2948,
0.2968

44.7327, 0.2948,
0.2968

35.3865, 0.2782,
0.2674

55.5441, 0.3094,
0.3231

27.4372, 0.2597,
0.2351

67.8740, 0.3222,
0.3462

20.8191, 0.2399,
0.2009

81.7801, 0.3331,
0.3663

15.4595, 0.2194,
0.1662

96.4185, 0.3427,
0.3824

11.2783, 0.1994,
0.1331

96.9972, 0.3448,
0.3820

■ 8.1864, 0.1815,
0.1042

■ 6.0819, 0.1670,
0.0819

■ 4.8436, 0.1570,
0.0675

■ 4.3295, 0.1524,
0.0613

Harmonies

Analogous

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



44.7327, 0.2812, 0.2989



44.7327, 0.2948, 0.2968



44.7327, 0.3136, 0.3028

Triad

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



44.7327, 0.2948, 0.2968



44.7327, 0.3511, 0.3473



44.7327, 0.2927, 0.3432

Complementary

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



44.7327, 0.2948, 0.2968



57.0496, 0.3295, 0.3596

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.



44.7327, 0.3109, 0.3574



44.7327, 0.2948, 0.2968



44.7327, 0.3449, 0.3592

Square

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



44.7327, 0.2948, 0.2968



44.7327, 0.3465, 0.3313



44.7327, 0.3301, 0.3632



44.7327, 0.2800, 0.3252

Rectangle

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



44.7327, 0.2948, 0.2968



44.7327, 0.3266, 0.3105



44.7327, 0.3301, 0.3632



44.7327, 0.2983, 0.3486

Sweetspot

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



44.7346, 0.2948, 0.2968



91.9288, 0.3072, 0.3191



54.4493, 0.2938, 0.3268



19.3619, 0.3061, 0.3171



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.



44.7346, 0.2948, 0.2968



71.9077, 0.2904, 0.2890



46.2362, 0.3049, 0.2978



10.3277, 0.2995, 0.3052



2.7385, 0.1529, 0.0616



0.1442, 0.1629, 0.0671

Inverse Universe

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



47.5910, 0.3158, 0.3010



77.7795, 0.3165, 0.2947



55.4537, 0.3197, 0.3605



10.8013, 0.3150, 0.3080



10.0101, 0.3421, 0.1658



0.4785, 0.3372, 0.1631

Previews

White Background



This preview shows how the Yxy color 44.7327, 0.2948, 0.2968 looks on a white background.

Color Contrast Check

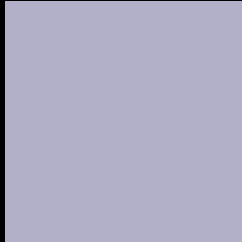
Large Text (above 18pt) WCAG AA × Fail

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 44.7327, 0.2948, 0.2968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

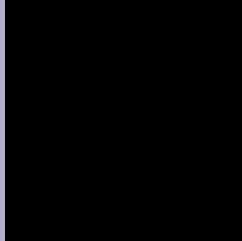
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

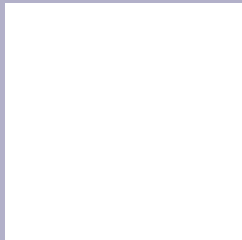
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7327, 0.2948, 0.2968

Background



This preview shows how black text looks on a background with the Yxy color 44.7327, 0.2948, 0.2968.



This preview shows how white text looks on a background with the Yxy color 44.7327, 0.2948, 0.2968.

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

44.7327, 0.2948, 0.2968

Protanopia

44.8225, 0.2916, 0.2967

Deuteranopia

44.8034, 0.3006, 0.2948



Tritanopia

44.8767, 0.3000, 0.3106

Trichromacy



Original Color

44.7327, 0.2948, 0.2968

Protanomaly

44.9387, 0.2924, 0.2967

Deuteranomaly

44.8221, 0.2981, 0.2958

Tritanomaly

44.7315, 0.2985, 0.3056

Monochromacy



Original Color

44.7327, 0.2948, 0.2968

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0124, 0.3064, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7327, 0.2948, 0.2968 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(178, 176, 201)` looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 201)  
}
```

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(178, 176, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 201) }
```

Border

The CSS property to change the border of an element to Yxy 44.7327, 0.2948, 0.2968 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(178, 176, 201) }
```

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

```
.border{ border-color:rgb(178, 176, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 176, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 201);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7327, 0.2948, 0.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 201) }
```

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

```
.background{ background-color: rgb(178,  
176, 201) }
```

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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