

Converting Colors

$Yxy(44.0306, 0.2934, 0.2936)$

Have a look what the booklet for
Yxy(44.0306, 0.2934, 0.2936)
contains.

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Color

Yxy(43.8835, 0.2932, 0.2929)

Conversions

Conversions Part 1

Format	Color
Hex	B1AECA
RGB	177, 174, 202
RGB Percent	69%, 68%, 79%
CMY	0.3058, 0.3176, 0.2080
CMYK	0.12, 0.14, 0.00, 0.21
HSL	246°, 21%, 74%
HSV	246°, 14%, 79%
XYZ	43.9284, 43.8835, 62.0122
YIQ	178.0890, -7.2000, 9.3440

Conversions

Conversions Part 2

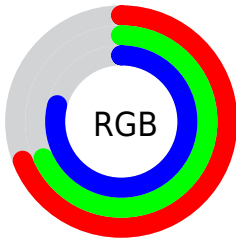
Format	Color
RYB	177, 174, 202
Decimal	11644618
CIELab	72.15, 6.62, -13.80
CIELCh	72, 15.304, 295.633
Yxy	43.8835, 0.2932, 0.2929
Android (android.graphics.Color)	4289834698 (0xFFB1AECA)
YUV	178.0890, 11.7881, -0.9551
Hunter-Lab	66.2446, 2.4397, -9.1307

Details

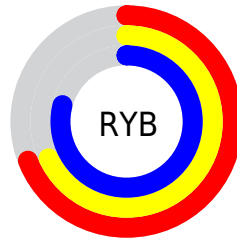
The Yxy color $43.8835, 0.2932, 0.2929$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $57.4178, 0.3308, 0.3632$, and the grayscale version is $44.5113, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5823, 0.2993, 0.3027$, and $20.3423, 0.2871, 0.2833$ is the 20% darker color. If you saturate the color by 10%, you get $34.6812, 0.2768, 0.2632$, and if you desaturate by 10%, it is $54.5422, 0.3077, 0.3196$.

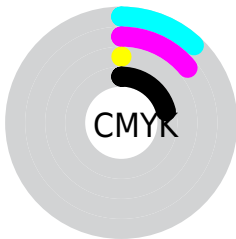
Distribution



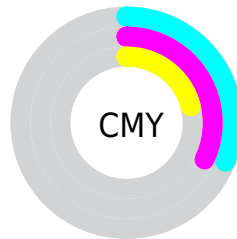
- Red (69%)
- Green (68%)
- Blue (79%)



- Red (69%)
- Yellow (68%)
- Blue (79%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (21%)



- Cyan (31%)
- Magenta (32%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8835, 0.2932, 0.2929 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 43.8835, 0.2932, 0.2929 by changing the saturation by 10% instead.

■ 43.8835, 0.2932,
0.2929

■ 43.8835, 0.2932,
0.2929

362.2327, 0.3031,
0.3108

■ 30.5789, 0.2907,
0.2885

■ 81.0424, 0.2968,
0.2994

■ 20.2784, 0.2874,
0.2829

105.6655, 0.2982,
0.3018

■ 12.5976, 0.2831,
0.2754

134.8303, 0.2993,
0.3039

■ 7.1520, 0.2769,
0.2652

168.9211, 0.3003,
0.3056

■ 3.5574, 0.2676,
0.2501

208.3224, 0.3012,
0.3072

■ 1.4292, 0.2521,
0.2262

253.4185, 0.3019,

■ 0.2381, 0.2070,

0.3085

0.1271

304.5937, 0.3025,
0.3097

0.0000, 0.0000,
0.0000

43.8835, 0.2932,
0.2929

43.8835, 0.2932,
0.2929

34.6812, 0.2768,
0.2632

54.5422, 0.3077,
0.3196

26.8666, 0.2586,
0.2307

66.7108, 0.3202,
0.3431

20.3739, 0.2390,
0.1966

80.4472, 0.3310,
0.3637

15.1298, 0.2189,
0.1623

95.8044, 0.3403,
0.3815

11.0535, 0.1993,
0.1299

97.0428, 0.3442,
0.3811

■ 8.0551, 0.1817,
0.1019

■ 6.0311, 0.1675,
0.0805

■ 4.8577, 0.1575,
0.0670

■ 4.4312, 0.1535,
0.0619

Harmonies

Analogous

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



43.8835, 0.2776, 0.2948



43.8835, 0.2932, 0.2929



43.8835, 0.3145, 0.3000

Triad

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



43.8835, 0.2932, 0.2929



43.8835, 0.3560, 0.3501



43.8835, 0.2894, 0.3443

Complementary

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



43.8835, 0.2932, 0.2929



57.4178, 0.3308, 0.3632

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.



43.8835, 0.3098, 0.3607



43.8835, 0.2932, 0.2929



43.8835, 0.3486, 0.3634

Square

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



43.8835, 0.2932, 0.2929



43.8835, 0.3514, 0.3322



43.8835, 0.3315, 0.3676



43.8835, 0.2755, 0.3238

Rectangle

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



43.8835, 0.2932, 0.2929



43.8835, 0.3292, 0.3088



43.8835, 0.3315, 0.3676



43.8835, 0.2957, 0.3505

Sweetspot

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



43.8853, 0.2932, 0.2929



91.9788, 0.3074, 0.3191



54.1879, 0.2917, 0.3254



19.3745, 0.3063, 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.



43.8853, 0.2932, 0.2929



68.7814, 0.2879, 0.2832



45.5839, 0.3047, 0.2941



10.9010, 0.2999, 0.3052



2.8716, 0.1541, 0.0623



0.1682, 0.1662, 0.0689

Inverse Universe

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



46.9463, 0.3168, 0.2987



75.0944, 0.3179, 0.2911



55.6203, 0.3198, 0.3644



11.3821, 0.3154, 0.3086



10.2136, 0.3499, 0.1701



0.5330, 0.3435, 0.1666

Previews

White Background



This preview shows how the Yxy color 43.8835, 0.2932, 0.2929 looks on a white background.

Color Contrast Check

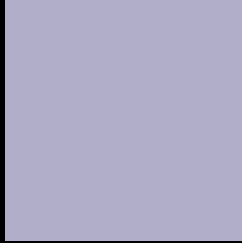
Large Text (above 18pt) WCAG AA × Fail

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 43.8835, 0.2932, 0.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

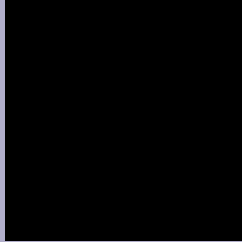
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8835, 0.2932, 0.2929

Background



This preview shows how black text looks on a background with the Yxy color 43.8835, 0.2932, 0.2929.



This preview shows how white text looks on a background with the Yxy color 43.8835, 0.2932, 0.2929.

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

43.8835, 0.2932, 0.2929

Protanopia

43.7424, 0.2884, 0.2925

Deuteranopia

43.7144, 0.2973, 0.2907



Tritanopia

43.8823, 0.3007, 0.3105

Trichromacy



Original Color

43.8835, 0.2932, 0.2929

Protanomaly

43.9704, 0.2900, 0.2927

Deuteranomaly

43.8547, 0.2956, 0.2918

Tritanomaly

43.7851, 0.2985, 0.3041

Monochromacy



Original Color

43.8835, 0.2932, 0.2929

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4971, 0.3056, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8835, 0.2932, 0.2929 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(177, 174, 202)` looks like.

```
.text, #text, p{  
    color:rgb(177, 174, 202)  
}
```

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(177, 174, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 202) }
```

Border

The CSS property to change the border of an element to Yxy 43.8835, 0.2932, 0.2929 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(177, 174, 202) }
```

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

```
.border{ border-color:rgb(177, 174, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 174, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 174, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 174, 202); box-shadow:4px 4px 4px 4px rgb(177, 174, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8835, 0.2932, 0.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 202) }
```

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

```
.background{ background-color: rgb(177,  
174, 202) }
```

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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