

Converting Colors

$Y_{xy}(43.7005, 0.2872, 0.2807)$

Have a look what the booklet for
Yxy(43.7005, 0.2872, 0.2807)
contains.

Yxy(43.5053, 0.2871, 0.2806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.5053, 0.2871, 0.2806)

Conversions

Conversions Part 1

Format	Color
Hex	B1ACD2
RGB	177, 172, 210
RGB Percent	69%, 67%, 82%
CMY	0.3060, 0.3254, 0.1765
CMYK	0.16, 0.18, 0.00, 0.18
HSL	248°, 30%, 75%
HSV	248°, 18%, 82%
XYZ	44.5131, 43.5053, 67.0254
YIQ	177.8270, -9.2180, 12.8780

Conversions

Conversions Part 2

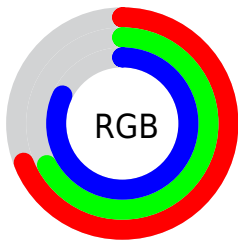
Format	Color
RYB	177, 172, 210
Decimal	11644114
CIELab	71.90, 9.42, -18.59
CIElCh	72, 20.840, 296.882
Yxy	43.5053, 0.2871, 0.2806
Android (android.graphics.Color)	4289834194 (0xFFB1ACD2)
YUV	177.8270, 15.8613, -0.7253
Hunter-Lab	65.9585, 5.0359, -14.0781

Details

The Yxy color $43.5053, 0.2871, 0.2806$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $62.0580, 0.3358, 0.3743$, and the grayscale version is $44.3425, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4818, 0.2993, 0.3006$, and $20.0846, 0.2800, 0.2685$ is the 20% darker color. If you saturate the color by 10%, you get $34.1327, 0.2703, 0.2497$, and if you desaturate by 10%, it is $54.4314, 0.3020, 0.3086$.

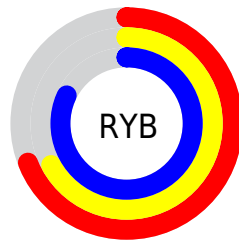
Distribution



Red (69%)

Green (67%)

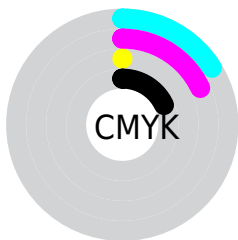
Blue (82%)



Red (69%)

Yellow (67%)

Blue (82%)

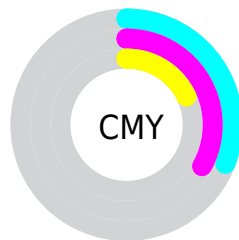


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5053, 0.2871, 0.2806 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 43.5053, 0.2871, 0.2806 by changing the saturation by 10% instead.

■ 43.5053, 0.2871,
0.2806

■ 43.5053, 0.2871,
0.2806

360.6857, 0.3001,
0.3044

■ 30.2818, 0.2838,
0.2748

■ 80.4728, 0.2919,
0.2892

■ 20.0526, 0.2795,
0.2674

104.9856, 0.2937,
0.2924

■ 12.4333, 0.2738,
0.2578

134.0303, 0.2952,
0.2952

■ 7.0395, 0.2658,
0.2446

167.9912, 0.2964,
0.2975

■ 3.4868, 0.2537,
0.2256

207.2529, 0.2976,
0.2996

■ 1.3908, 0.2340,
0.1963

252.1996, 0.2985,

■ 0.2100, 0.1880,

0.3014

0.0919

303.2157, 0.2994,
0.3030

0.0000, 0.0000,
0.0000

43.5053, 0.2871,
0.2806

43.5053, 0.2871,
0.2806

34.1327, 0.2703,
0.2497

54.4314, 0.3020,
0.3086

26.2376, 0.2518,
0.2165

66.9714, 0.3151,
0.3335

19.7460, 0.2322,
0.1822

81.1894, 0.3263,
0.3554

14.5750, 0.2123,
0.1486

96.4966, 0.3361,
0.3735

10.6332, 0.1935,
0.1179

97.4333, 0.3394,
0.3731

■ 7.8173, 0.1771,
0.0925

■ 6.0068, 0.1643,
0.0744

■ 5.0307, 0.1558,
0.0640

■ 4.8926, 0.1546,
0.0625

Harmonies

Analogous

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



43.5053, 0.2658, 0.2822



43.5053, 0.2871, 0.2806



43.5053, 0.3162, 0.2906

Triad

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



43.5053, 0.2871, 0.2806



43.5053, 0.3719, 0.3580



43.5053, 0.2799, 0.3488

Complementary

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



43.5053, 0.2871, 0.2806



62.0580, 0.3358, 0.3743

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.



43.5053, 0.3071, 0.3722



43.5053, 0.2871, 0.2806



43.5053, 0.3608, 0.3762

Square

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



43.5053, 0.2871, 0.2806



43.5053, 0.3663, 0.3338



43.5053, 0.3368, 0.3822



43.5053, 0.2618, 0.3203

Rectangle

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



43.5053, 0.2871, 0.2806



43.5053, 0.3363, 0.3025



43.5053, 0.3368, 0.3822



43.5053, 0.2882, 0.3577

Sweetspot

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



43.5071, 0.2871, 0.2806



90.0915, 0.3062, 0.3165



57.3614, 0.2854, 0.3234



18.9964, 0.3052, 0.3147



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.



43.5071, 0.2871, 0.2806



61.1764, 0.2803, 0.2681



45.8232, 0.3024, 0.2827



11.4907, 0.3002, 0.3051



3.0090, 0.1553, 0.0629



0.1931, 0.1686, 0.0703

Inverse Universe

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



47.6208, 0.3189, 0.2900



68.8174, 0.3205, 0.2809



59.5850, 0.3214, 0.3763



11.9813, 0.3157, 0.3090



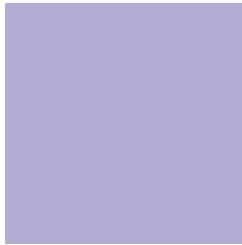
10.4423, 0.3567, 0.1738



0.5914, 0.3492, 0.1697

Previews

White Background



This preview shows how the Yxy color 43.5053, 0.2871, 0.2806 looks on a white background.

Color Contrast Check

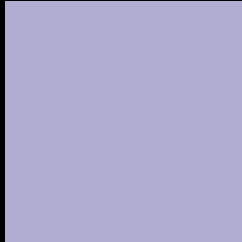
Large Text (above 18pt) WCAG AA × Fail

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 43.5053, 0.2871, 0.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

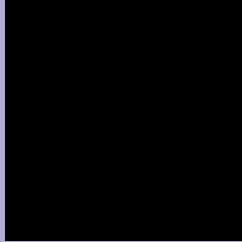
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5053, 0.2871, 0.2806

Background



This preview shows how black text looks on a background with the Yxy color 43.5053, 0.2871, 0.2806.



This preview shows how white text looks on a background with the Yxy color 43.5053, 0.2871, 0.2806.

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

43.5053, 0.2871, 0.2806

Protanopia

43.7382, 0.2788, 0.2812

Deuteranopia

43.5053, 0.2871, 0.2806



Tritanopia

43.6090, 0.2998, 0.3117

Trichromacy



Original Color

43.5053, 0.2871, 0.2806

Protanomaly

43.6332, 0.2817, 0.2814

Deuteranomaly

43.5053, 0.2871, 0.2806

Tritanomaly

43.6898, 0.2945, 0.3002

Monochromacy



Original Color

43.5053, 0.2871, 0.2806

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2334, 0.3032, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5053, 0.2871, 0.2806 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, 172, 210)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 210)  
}
```

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, 172, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 210) }
```

Border

The CSS property to change the border of an element to Yxy 43.5053, 0.2871, 0.2806 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, 172, 210) }
```

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

```
.border{ border-color:rgb(177, 172, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 210);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5053, 0.2871, 0.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 210) }
```

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

```
.background{ background-color: rgb(177,  
172, 210) }
```

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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