

Converting Colors

$Y_{xy}(44.2510, 0.2867, 0.2778)$

Have a look what the booklet for
Yxy(44.2510, 0.2867, 0.2778)
contains.

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Color

Yxy(44.3945, 0.2874, 0.2787)

Conversions

Conversions Part 1

Format	Color
Hex	B4ADD5
RGB	180, 173, 213
RGB Percent	71%, 68%, 84%
CMY	0.2940, 0.3216, 0.1646
CMYK	0.15, 0.19, 0.00, 0.16
HSL	251°, 32%, 76%
HSV	251°, 19%, 84%
XYZ	45.7803, 44.3945, 69.1165
YIQ	179.6530, -8.6680, 13.9240

Conversions

Conversions Part 2

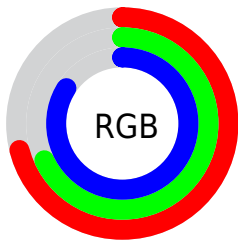
Format	Color
RYB	180, 173, 213
Decimal	11840981
CIELab	72.49, 10.51, -19.31
CIELCh	72, 21.987, 298.552
Yxy	44.3945, 0.2874, 0.2787
Android (android.graphics.Color)	4290031061 (0xFFB4ADD5)
YUV	179.6530, 16.4401, 0.3043
Hunter-Lab	66.6292, 6.0447, -14.8629

Details

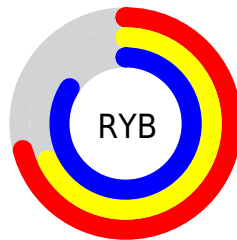
The Yxy color $44.3945, 0.2874, 0.2787$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $63.7344, 0.3353, 0.3763$, and the grayscale version is $45.3623, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5397, 0.3012, 0.3018$, and $20.6554, 0.2804, 0.2662$ is the 20% darker color. If you saturate the color by 10%, you get $34.8916, 0.2713, 0.2479$, and if you desaturate by 10%, it is $55.4706, 0.3017, 0.3068$.

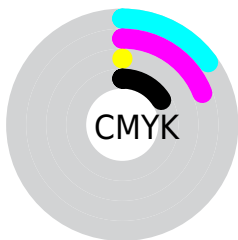
Distribution



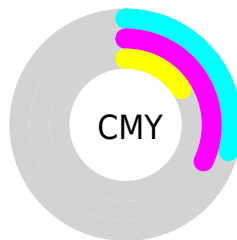
- Red (71%)
- Green (68%)
- Blue (84%)



- Red (71%)
- Yellow (68%)
- Blue (84%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3945, 0.2874, 0.2787 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 44.3945, 0.2874, 0.2787 by changing the saturation by 10% instead.

■ 44.3945, 0.2874,
0.2787

■ 44.3945, 0.2874,
0.2787

■ 364.3157, 0.3003,
0.3033

■ 30.9808, 0.2841,
0.2727

■ 81.8110, 0.2921,
0.2875

■ 20.5842, 0.2799,
0.2652

■ 106.5826, 0.2939,
0.2909

■ 12.8204, 0.2743,
0.2553

■ 135.9090, 0.2954,
0.2937

■ 7.3050, 0.2665,
0.2420

■ 170.1745, 0.2966,
0.2962

■ 3.6536, 0.2548,
0.2229

■ 209.7635, 0.2977,
0.2983

■ 1.4817, 0.2356,
0.1938

■ 255.0604, 0.2987,

■ 0.2758, 0.1979,

0.3002

0.1052

306.4497, 0.2995,
0.3018

0.0000, 0.0000,
0.0000

44.3945, 0.2874,
0.2787

44.3945, 0.2874,
0.2787

34.8916, 0.2713,
0.2479

55.4706, 0.3017,
0.3068

26.8848, 0.2535,
0.2150

68.1813, 0.3141,
0.3319

20.2988, 0.2346,
0.1811

82.5915, 0.3248,
0.3540

15.0496, 0.2153,
0.1481

96.6999, 0.3344,
0.3705

11.0441, 0.1968,
0.1180

97.5849, 0.3375,
0.3701

■ 8.1770, 0.1805,
0.0932

■ 6.3253, 0.1674,
0.0755

■ 5.3022, 0.1582,
0.0651

■ 5.2051, 0.1573,
0.0640

Harmonies

Analogous

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



44.3945, 0.2646, 0.2796



44.3945, 0.2874, 0.2787



44.3945, 0.3181, 0.2898

Triad

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



44.3945, 0.2874, 0.2787



44.3945, 0.3746, 0.3606



44.3945, 0.2769, 0.3481

Complementary

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



44.3945, 0.2874, 0.2787



63.7344, 0.3353, 0.3763

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.



44.3945, 0.3051, 0.3734



44.3945, 0.2874, 0.2787



44.3945, 0.3620, 0.3792

Square

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



44.3945, 0.2874, 0.2787



44.3945, 0.3697, 0.3354



44.3945, 0.3362, 0.3847



44.3945, 0.2588, 0.3182

Rectangle

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



44.3945, 0.2874, 0.2787



44.3945, 0.3391, 0.3025



44.3945, 0.3362, 0.3847



44.3945, 0.2855, 0.3576

Sweetspot

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



44.3963, 0.2874, 0.2787



88.3090, 0.3053, 0.3139



57.9981, 0.2842, 0.3207



18.6412, 0.3044, 0.3122



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.



44.3963, 0.2874, 0.2787



60.0714, 0.2804, 0.2653



46.9257, 0.3036, 0.2811



12.1124, 0.3008, 0.3051



3.2102, 0.1582, 0.0645



0.2261, 0.1735, 0.0730

Inverse Universe

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



48.4905, 0.3206, 0.2905



67.4729, 0.3228, 0.2811



61.0946, 0.3202, 0.3786



12.5936, 0.3164, 0.3100



10.5605, 0.3706, 0.1815



0.6470, 0.3606, 0.1760

Previews

White Background



This preview shows how the Yxy color 44.3945, 0.2874, 0.2787 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 44.3945, 0.2874, 0.2787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

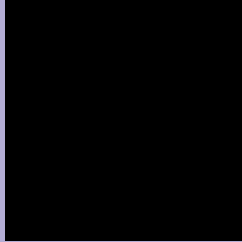
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3945, 0.2874, 0.2787

Background



This preview shows how black text looks on a background with the Yxy color 44.3945, 0.2874, 0.2787.



This preview shows how white text looks on a background with the Yxy color 44.3945, 0.2874, 0.2787.

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

44.3945, 0.2874, 0.2787

Protanopia

44.3920, 0.2776, 0.2791

Deuteranopia

44.5412, 0.2858, 0.2798



Tritanopia

44.4360, 0.3008, 0.3106

Trichromacy



Original Color

44.3945, 0.2874, 0.2787

Protanomaly

44.3992, 0.2813, 0.2794

Deuteranomaly

44.6599, 0.2866, 0.2799

Tritanomaly

44.5213, 0.2955, 0.2992

Monochromacy



Original Color

44.3945, 0.2874, 0.2787

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.9534, 0.3034, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3945, 0.2874, 0.2787 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(180, 173, 213)` looks like.

```
.text, #text, p{  
    color:rgb(180, 173, 213)  
}
```

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(180, 173, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 173, 213) }
```

Border

The CSS property to change the border of an element to Yxy 44.3945, 0.2874, 0.2787 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(180, 173, 213) }
```

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

```
.border{ border-color:rgb(180, 173, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 173, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 173, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 173, 213);  
box-shadow:4px 4px 4px 4px rgb(180, 173,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3945, 0.2874, 0.2787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 173, 213) }
```

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

```
.background{ background-color: rgb(180,  
173, 213) }
```

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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