

Converting Colors

$Y_{xy}(43.7202, 0.2819, 0.2781)$

Have a look what the booklet for
Yxy(43.7202, 0.2819, 0.2781)
contains.

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Color

Yxy(43.5755, 0.2818, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	ADADD5
RGB	173, 173, 213
RGB Percent	68%, 68%, 84%
CMY	0.3216, 0.3215, 0.1647
CMYK	0.19, 0.19, 0.00, 0.16
HSL	240°, 32%, 76%
HSV	240°, 19%, 84%
XYZ	44.1870, 43.5755, 69.0403
YIQ	177.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

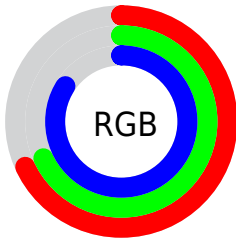
Format	Color
RYB	173, 173, 213
Decimal	11382229
CIELab	71.94, 8.27, -20.19
CIELCh	72, 21.821, 292.267
Yxy	43.5755, 0.2818, 0.2779
Android (android.graphics.Color)	4289572309 (0xFFADADD5)
YUV	177.5600, 17.4719, -3.9991
Hunter-Lab	66.0117, 3.9640, -15.8019

Details

The Yxy color **43.5755, 0.2818, 0.2779** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **64.7534, 0.3408, 0.3755**, and the grayscale version is **44.1883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3648, 0.2967, 0.3014**, and **20.1364, 0.2730, 0.2648** is the 20% darker color. If you saturate the color by 10%, you get **33.8130, 0.2625, 0.2459**, and if you desaturate by 10%, it is **55.0302, 0.2992, 0.3066**.

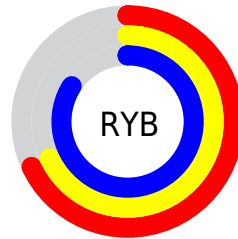
Distribution



Red (68%)

Green (68%)

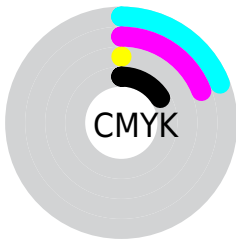
Blue (84%)



Red (68%)

Yellow (68%)

Blue (84%)

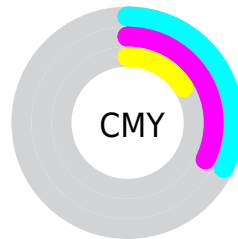


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (16%)



Cyan (32%)

Magenta (32%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5755, 0.2818, 0.2779 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 43.5755, 0.2818, 0.2779 by changing the saturation by 10% instead.

■ 43.5755, 0.2818,
0.2779

■ 43.5755, 0.2818,
0.2779

360.9732, 0.2975,
0.3030

■ 30.3369, 0.2779,
0.2718

■ 80.5786, 0.2875,
0.2869

■ 20.0945, 0.2728,
0.2640

105.1119, 0.2897,
0.2904

■ 12.4637, 0.2660,
0.2538

134.1789, 0.2915,
0.2933

■ 7.0603, 0.2566,
0.2400

168.1640, 0.2930,
0.2958

■ 3.4999, 0.2426,
0.2201

207.4516, 0.2943,
0.2979

■ 1.3979, 0.2200,
0.1897

252.4260, 0.2955,

■ 0.2152, 0.1665,

0.2999

0.0882

303.4718, 0.2965,
0.3015

0.0000, 0.0000,
0.0000

43.5755, 0.2818,
0.2779

43.5755, 0.2818,
0.2779

33.8130, 0.2625,
0.2459

55.0302, 0.2992,
0.3066

25.6576, 0.2416,
0.2115

68.2464, 0.3145,
0.3319

19.0247, 0.2200,
0.1758

83.2958, 0.3277,
0.3538

13.8200, 0.1991,
0.1411

97.5847, 0.3375,
0.3701

9.9388, 0.1803,
0.1101

■ 7.2617, 0.1654,
0.0855

■ 5.6484, 0.1555,
0.0691

■ 4.8789, 0.1505,
0.0608

■ 4.8061, 0.1500,
0.0600

Harmonies

Analogous

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



43.5755, 0.2614, 0.2815



43.5755, 0.2818, 0.2779



43.5755, 0.3114, 0.2866

Triad

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



43.5755, 0.2818, 0.2779



43.5755, 0.3750, 0.3556



43.5755, 0.2822, 0.3541

Complementary

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



43.5755, 0.2818, 0.2779



64.7534, 0.3408, 0.3755

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.



43.5755, 0.3116, 0.3770



43.5755, 0.2818, 0.2779



43.5755, 0.3658, 0.3761

Square

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



43.5755, 0.2818, 0.2779



43.5755, 0.3664, 0.3299



43.5755, 0.3423, 0.3848



43.5755, 0.2616, 0.3243

Rectangle

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



43.5755, 0.2818, 0.2779



43.5755, 0.3326, 0.2982



43.5755, 0.3423, 0.3848



43.5755, 0.2914, 0.3631

Sweetspot

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



43.5773, 0.2818, 0.2779



87.8392, 0.3035, 0.3138



61.2490, 0.2851, 0.3297



18.5307, 0.3025, 0.3121



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.



43.5773, 0.2818, 0.2779



58.6488, 0.2734, 0.2641



45.9395, 0.2975, 0.2802



12.0093, 0.2981, 0.3049



2.9357, 0.1500, 0.0600



0.1773, 0.1500, 0.0601

Inverse Universe

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



47.0498, 0.3492, 0.3291



64.9002, 0.3604, 0.3291



62.0372, 0.3258, 0.3778



12.4209, 0.3291, 0.3290



8.6412, 0.6400, 0.3300



0.5212, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 43.5755, 0.2818, 0.2779 looks on a white background.

Color Contrast Check

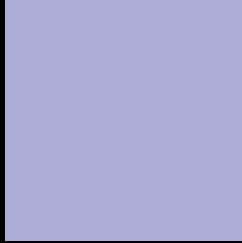
Large Text (above 18pt) WCAG AA × Fail

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 43.5755, 0.2818, 0.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

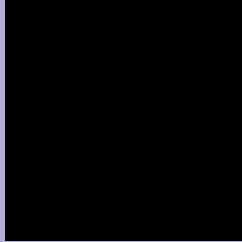
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5755, 0.2818, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 43.5755, 0.2818, 0.2779.



This preview shows how white text looks on a background with the Yxy color 43.5755, 0.2818, 0.2779.

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

43.5755, 0.2818, 0.2779

Protanopia

43.7305, 0.2766, 0.2787

Deuteranopia

43.4231, 0.2833, 0.2768



Tritanopia

43.6409, 0.2950, 0.3103

Trichromacy



Original Color

43.5755, 0.2818, 0.2779

Protanomaly

43.5622, 0.2781, 0.2776

Deuteranomaly

43.3078, 0.2825, 0.2767

Tritanomaly

43.7202, 0.2898, 0.2987

Monochromacy



Original Color

43.5755, 0.2818, 0.2779

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0424, 0.3008, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5755, 0.2818, 0.2779 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(173, 173, 213)` looks like.

```
.text, #text, p{  
    color:rgb(173, 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(173, 173, 213) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 43.5755, 0.2818, 0.2779 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(173, 173, 213) }
```

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

```
.border{ border-color:rgb(173, 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(173, 173, 213)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 43.5755, 0.2818, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(173,  
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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