

Converting Colors

$Y_{xy}(44.3209, 0.2979, 0.2993)$

Have a look what the booklet for
Yxy(44.3209, 0.2979, 0.2993)
contains.

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Color

Yxy(44.3209, 0.2979, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	B3AFC6
RGB	179, 175, 198
RGB Percent	70%, 69%, 78%
CMY	0.2980, 0.3137, 0.2236
CMYK	0.10, 0.12, 0.00, 0.22
HSL	250°, 17%, 73%
HSV	250°, 12%, 78%
XYZ	44.1136, 44.3209, 59.6474
YIQ	178.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

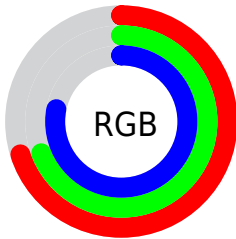
Format	Color
RYB	179, 175, 198
Decimal	11775942
CIELab	72.44, 5.90, -11.16
CIELCh	72, 12.625, 297.883
Yxy	44.3209, 0.2979, 0.2993
Android (android.graphics.Color)	4289966022 (0xFFB3AFC6)
YUV	178.8180, 9.4567, 0.1596
Hunter-Lab	66.5739, 1.7742, -6.5195

Details

The Yxy color $44.3209, 0.2979, 0.2993$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $54.9443, 0.3266, 0.3576$, and the grayscale version is $44.9294, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0340, 0.3006, 0.3048$, and $20.6152, 0.2935, 0.2920$ is the 20% darker color. If you saturate the color by 10%, you get $35.3385, 0.2831, 0.2706$, and if you desaturate by 10%, it is $54.6679, 0.3108, 0.3251$.

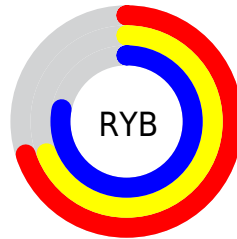
Distribution



Red (70%)

Green (69%)

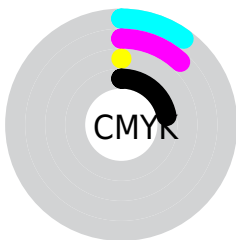
Blue (78%)



Red (70%)

Yellow (69%)

Blue (78%)

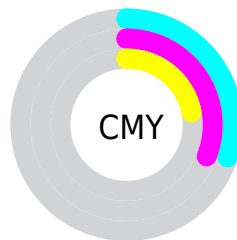


Cyan (10%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3209, 0.2979, 0.2993 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 44.3209, 0.2979, 0.2993 by changing the saturation by 10% instead.

■ 44.3209, 0.2979,
0.2993

■ 44.3209, 0.2979,
0.2993

364.0162, 0.3054,
0.3141

■ 30.9229, 0.2960,
0.2957

■ 81.7004, 0.3007,
0.3046

■ 20.5401, 0.2935,
0.2910

106.4507, 0.3017,
0.3066

■ 12.7883, 0.2902,
0.2848

135.7538, 0.3026,
0.3083

■ 7.2829, 0.2855,
0.2763

169.9942, 0.3033,
0.3098

■ 3.6397, 0.2784,
0.2637

209.5562, 0.3039,
0.3111

■ 1.4741, 0.2664,
0.2434

254.8243, 0.3045,

■ 0.2704, 0.2292,

0.3122

0.1545

306.1828, 0.3050,
0.3132

0.0000, 0.0000,
0.0000

44.3209, 0.2979,
0.2993

44.3209, 0.2979,
0.2993

35.3385, 0.2831,
0.2706

54.6679, 0.3108,
0.3251

27.6580, 0.2666,
0.2392

66.4276, 0.3220,
0.3480

21.2204, 0.2485,
0.2061

79.6524, 0.3315,
0.3681

15.9595, 0.2295,
0.1724

94.3907, 0.3397,
0.3856

11.8033, 0.2104,
0.1400

96.8566, 0.3466,
0.3850

■ 8.6716, 0.1924,
0.1112

■ 6.4730, 0.1768,
0.0881

■ 5.0997, 0.1648,
0.0723

■ 4.4255, 0.1575,
0.0641

Harmonies

Analogous

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



44.3209, 0.2845, 0.3004



44.3209, 0.2979, 0.2993



44.3209, 0.3156, 0.3056

Triad

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



44.3209, 0.2979, 0.2993



44.3209, 0.3481, 0.3476



44.3209, 0.2924, 0.3404

Complementary

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



44.3209, 0.2979, 0.2993



54.9443, 0.3266, 0.3576

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.



44.3209, 0.3090, 0.3541



44.3209, 0.2979, 0.2993



44.3209, 0.3414, 0.3579

Square

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



44.3209, 0.2979, 0.2993



44.3209, 0.3451, 0.3329



44.3209, 0.3270, 0.3605



44.3209, 0.2814, 0.3237

Rectangle

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



44.3209, 0.2979, 0.2993



44.3209, 0.3276, 0.3132



44.3209, 0.3270, 0.3605



44.3209, 0.2975, 0.3455

Sweetspot

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



44.3228, 0.2979, 0.2993



94.0374, 0.3091, 0.3216



51.8442, 0.2950, 0.3241



19.7952, 0.3081, 0.3196



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.



44.3228, 0.2979, 0.2993



74.1315, 0.2942, 0.2921



45.7270, 0.3075, 0.3002



10.3749, 0.3009, 0.3053



2.9048, 0.1584, 0.0646



0.1657, 0.1770, 0.0748

Inverse Universe

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



46.5594, 0.3173, 0.3056



78.9053, 0.3185, 0.3002



53.5038, 0.3174, 0.3584



10.7837, 0.3164, 0.3101



9.5499, 0.3701, 0.1812



0.4608, 0.3581, 0.1747

Previews

White Background



This preview shows how the Yxy color 44.3209, 0.2979, 0.2993 looks on a white background.

Color Contrast Check

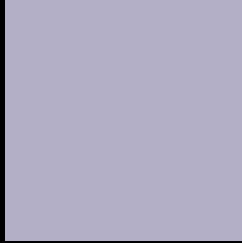
Large Text (above 18pt) WCAG AA × Fail

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 44.3209, 0.2979, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

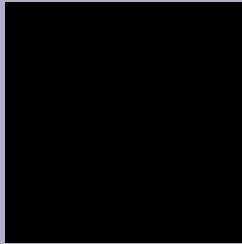
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

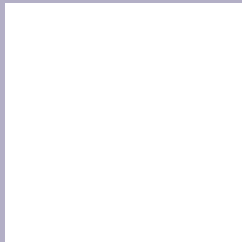
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3209, 0.2979, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 44.3209, 0.2979, 0.2993.



This preview shows how white text looks on a background with the Yxy color 44.3209, 0.2979, 0.2993.

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

44.3209, 0.2979, 0.2993

Protanopia

44.1729, 0.2930, 0.2990

Deuteranopia

44.2786, 0.3029, 0.2971



Tritanopia

44.2334, 0.3032, 0.3106

Trichromacy



Original Color

44.3209, 0.2979, 0.2993

Protanomaly

44.4043, 0.2947, 0.2991

Deuteranomaly

44.4166, 0.3012, 0.2983

Tritanomaly

44.3659, 0.3009, 0.3068

Monochromacy



Original Color

44.3209, 0.2979, 0.2993

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9697, 0.3072, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3209, 0.2979, 0.2993 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(179, 175, 198)` looks like.

```
.text, #text, p{  
    color:rgb(179, 175, 198)  
}
```

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(179, 175, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 175, 198) }
```

Border

The CSS property to change the border of an element to Yxy 44.3209, 0.2979, 0.2993 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(179, 175, 198) }
```

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

```
.border{ border-color:rgb(179, 175, 198) }
```

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

Here you see how a box with a 4 pixel rgb(179, 175, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 175, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 175, 198);  
box-shadow:4px 4px 4px 4px rgb(179, 175,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3209, 0.2979, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 175, 198) }
```

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

```
.background{ background-color: rgb(179,  
175, 198) }
```

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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