

Converting Colors

$Y_{xy}(43.2769, 0.2879, 0.3048)$

Have a look what the booklet for
Yxy(43.2769, 0.2879, 0.3048)
contains.

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Color

Yxy(43.2769, 0.2879, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	A4B1C3
RGB	164, 177, 195
RGB Percent	64%, 69%, 76%
CMY	0.3570, 0.3058, 0.2353
CMYK	0.16, 0.09, 0.00, 0.24
HSL	215°, 21%, 70%
HSV	215°, 16%, 76%
XYZ	40.8774, 43.2769, 57.8303
YIQ	175.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

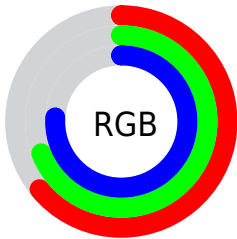
Format	Color
RYB	164, 173, 195
Decimal	10793411
CIELab	71.74, -0.79, -10.69
CIELCh	72, 10.716, 265.792
Yxy	43.2769, 0.2879, 0.3048
Android (android.graphics.Color)	4288983491 (0xFFA4B1C3)
YUV	175.1650, 9.7787, -9.7917
Hunter-Lab	65.7852, -4.2084, -6.0709

Details

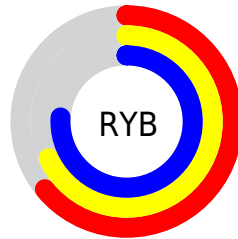
The Yxy color **43.2769, 0.2879, 0.3048** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.7211, 0.3388, 0.3521**, and the grayscale version is **42.9117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3662, 0.2921, 0.3092**, and **20.0351, 0.2812, 0.2993** is the 20% darker color. If you saturate the color by 10%, you get **37.0783, 0.2714, 0.2873**, and if you desaturate by 10%, it is **50.1671, 0.3037, 0.3205**.

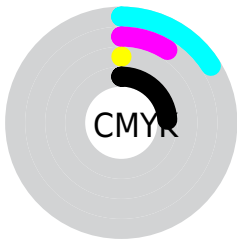
Distribution



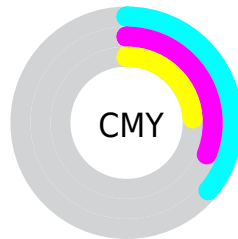
- Red (64%)
- Green (69%)
- Blue (76%)



- Red (64%)
- Yellow (68%)
- Blue (76%)



- Cyan (16%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)





- Cyan (36%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2769, 0.2879, 0.3048 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 43.2769, 0.2879, 0.3048 by changing the saturation by 10% instead.


 43.2769, 0.2879,
0.3048


 43.2769, 0.2879,
0.3048

359.7493, 0.3004,
0.3170

 30.1024, 0.2848,
0.3017


 80.1285, 0.2925,
0.3093

 19.9164, 0.2807,
0.2977


 104.5745, 0.2942,
0.3109

 12.3343, 0.2753,
0.2924


133.5464, 0.2956,
0.3123

 6.9717, 0.2677,
0.2849

167.4287, 0.2968,
0.3136

 3.4444, 0.2563,
0.2736

206.6058, 0.2979,
0.3146

 1.3679, 0.2374,
0.2547

251.4619, 0.2988,

 0.1929, 0.1249,

0.3155

0.1468

302.3816, 0.2997,
0.3163

0.0000, 0.0000,
0.0000

43.2769, 0.2879,
0.3048

43.2769, 0.2879,
0.3048

37.0783, 0.2714,
0.2873

50.1671, 0.3037,
0.3205

31.5426, 0.2544,
0.2682

57.7657, 0.3187,
0.3345

26.6468, 0.2375,
0.2475

66.0956, 0.3327,
0.3469

22.3643, 0.2212,
0.2257

75.1769, 0.3457,
0.3578

18.6662, 0.2059,
0.2033

83.7810, 0.3530,
0.3679

■ 15.5210, 0.1924,
0.1809

■ 90.4073, 0.3505,
0.3786

■ 12.8931, 0.1813,
0.1593

■ 96.7203, 0.3484,
0.3880

■ 10.7400, 0.1729,
0.1394

■ 9.9691, 0.1699,
0.1317

Harmonies

Analogous

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



43.2769, 0.2833, 0.3128



43.2769, 0.2879, 0.3048



43.2769, 0.2991, 0.3033

Triad

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



43.2769, 0.2879, 0.3048



43.2769, 0.3398, 0.3315



43.2769, 0.3107, 0.3510

Complementary

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



43.2769, 0.2879, 0.3048



47.7211, 0.3388, 0.3521

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.



43.2769, 0.3260, 0.3560



43.2769, 0.2879, 0.3048



43.2769, 0.3431, 0.3442

Square

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



43.2769, 0.2879, 0.3048



43.2769, 0.3292, 0.3185



43.2769, 0.3379, 0.3533



43.2769, 0.2962, 0.3397

Rectangle

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



43.2769, 0.2879, 0.3048



43.2769, 0.3089, 0.3060



43.2769, 0.3379, 0.3533



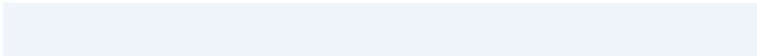
43.2769, 0.3159, 0.3535

Sweetspot

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



43.2787, 0.2879, 0.3048



90.9371, 0.3050, 0.3218



50.2802, 0.2982, 0.3469



19.7099, 0.3039, 0.3207



0.0000, 0.0000, 0.0000



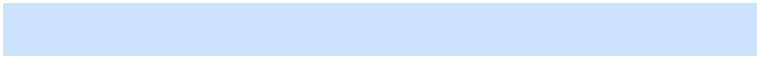
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.2787, 0.2879, 0.3048



73.6213, 0.2824, 0.2991



38.5908, 0.2889, 0.2870



10.4282, 0.2984, 0.3153



6.6375, 0.1706, 0.1342



0.4229, 0.1830, 0.1789

Inverse Universe

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



41.3169, 0.3304, 0.3123



69.6128, 0.3349, 0.3086



53.0402, 0.3346, 0.3682



10.1466, 0.3225, 0.3194



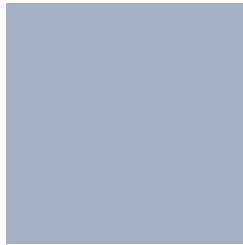
7.9523, 0.5270, 0.2677



0.3573, 0.4699, 0.2362

Previews

White Background



This preview shows how the Yxy color 43.2769, 0.2879, 0.3048 looks on a white background.

Color Contrast Check

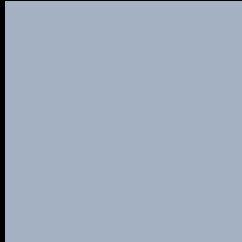
Large Text (above 18pt) WCAG AA × Fail

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 43.2769, 0.2879, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

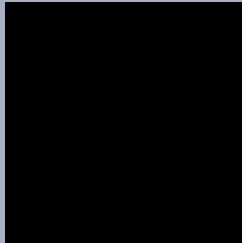
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

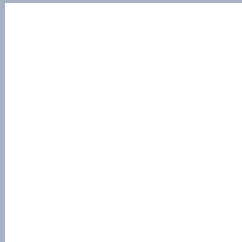
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.2769, 0.2879, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 43.2769, 0.2879, 0.3048.



This preview shows how white text looks on a background with the Yxy color 43.2769, 0.2879, 0.3048.

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

43.2769, 0.2879, 0.3048

Protanopia

43.0066, 0.2967, 0.3038

Deuteranopia

43.1786, 0.3028, 0.2968



Tritanopia

43.4331, 0.2894, 0.3100

Trichromacy



Original Color

43.2769, 0.2879, 0.3048

Protanomaly

43.1010, 0.2935, 0.3037

Deuteranomaly

43.1028, 0.2969, 0.2989

Tritanomaly

43.4776, 0.2886, 0.3087

Monochromacy



Original Color

43.2769, 0.2879, 0.3048

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0860, 0.3036, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2769, 0.2879, 0.3048 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(164, 177, 195)` looks like.

```
.text, #text, p{  
    color:rgb(164, 177, 195)  
}
```

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(164, 177, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 177, 195) }
```

Border

The CSS property to change the border of an element to Yxy 43.2769, 0.2879, 0.3048 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(164, 177, 195) }
```

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

```
.border{ border-color:rgb(164, 177, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 177, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 177, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 177, 195);  
box-shadow:4px 4px 4px 4px rgb(164, 177,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2769, 0.2879, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 177, 195) }
```

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

```
.background{ background-color: rgb(164,  
177, 195) }
```

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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