

Converting Colors

$Y_{xy}(43.4106, 0.2973, 0.3081)$

Have a look what the booklet for
Yxy(43.4106, 0.2973, 0.3081)
contains.

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Color

Yxy(43.5829, 0.2974, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	ACB0BF
RGB	172, 176, 191
RGB Percent	67%, 69%, 75%
CMY	0.3257, 0.3097, 0.2510
CMYK	0.10, 0.08, 0.00, 0.25
HSL	227°, 13%, 71%
HSV	227°, 10%, 75%
XYZ	41.9332, 43.5829, 55.4832
YIQ	176.5140, -7.1990, 3.8170

Conversions

Conversions Part 2

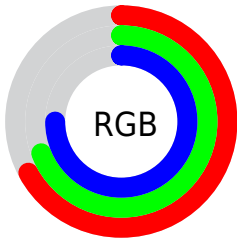
Format	Color
RYB	172, 175, 191
Decimal	11317439
CIELab	71.95, 1.55, -8.11
CIELCh	72, 8.256, 280.794
Yxy	43.5829, 0.2974, 0.3091
Android (android.graphics.Color)	4289507519 (0xFFACB0BF)
YUV	176.5140, 7.1416, -3.9588
Hunter-Lab	66.0173, -2.1499, -3.6172

Details

The Yxy color **43.5829, 0.2974, 0.3091** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.5571, 0.3279, 0.3481**, and the grayscale version is **43.6603, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7595, 0.3002, 0.3135**, and **20.2434, 0.2929, 0.3035** is the 20% darker color. If you saturate the color by 10%, you get **36.0097, 0.2806, 0.2866**, and if you desaturate by 10%, it is **52.1218, 0.3128, 0.3291**.

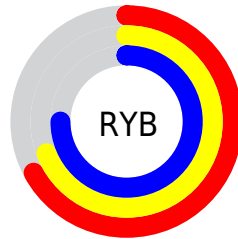
Distribution



Red (67%)

Green (69%)

Blue (75%)



Red (67%)

Yellow (69%)

Blue (75%)

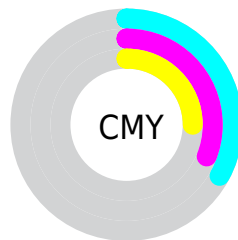


Cyan (10%)

Magenta (8%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (31%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5829, 0.2974, 0.3091 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 43.5829, 0.2974, 0.3091 by changing the saturation by 10% instead.

■ 43.5829, 0.2974,
0.3091

■ 43.5829, 0.2974,
0.3091

361.0035, 0.3051,
0.3191

■ 30.3427, 0.2954,
0.3066

■ 80.5897, 0.3002,
0.3128

■ 20.0989, 0.2929,
0.3033

105.1252, 0.3013,
0.3141

■ 12.4669, 0.2895,
0.2990

134.1946, 0.3022,
0.3153

■ 7.0625, 0.2847,
0.2929

168.1822, 0.3029,
0.3163

■ 3.5012, 0.2775,
0.2838

207.4725, 0.3036,
0.3171

■ 1.3987, 0.2652,
0.2685

252.4499, 0.3042,

■ 0.2157, 0.1926,

0.3179

0.1712

303.4988, 0.3047,
0.3185

0.0000, 0.0000,
0.0000

43.5829, 0.2974,
0.3091

43.5829, 0.2974,
0.3091

36.0097, 0.2806,
0.2866

52.1218, 0.3128,
0.3291

29.3624, 0.2626,
0.2616

61.6535, 0.3267,
0.3466

23.6065, 0.2437,
0.2344

72.2108, 0.3391,
0.3619

18.7032, 0.2245,
0.2057

83.8232, 0.3503,
0.3752

14.6107, 0.2059,
0.1763

94.0819, 0.3517,
0.3884

■ 11.2836, 0.1889,
0.1477

■ 96.5409, 0.3508,
0.3920

■ 8.6716, 0.1744,
0.1214

■ 6.7179, 0.1635,
0.0991

■ 5.3378, 0.1561,
0.0817

Harmonies

Analogous

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



43.5829, 0.2911, 0.3129



43.5829, 0.2974, 0.3091



43.5829, 0.3079, 0.3105

Triad

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



43.5829, 0.2974, 0.3091



43.5829, 0.3356, 0.3361



43.5829, 0.3054, 0.3420

Complementary

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



43.5829, 0.2974, 0.3091



49.5571, 0.3279, 0.3481

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.



43.5829, 0.3172, 0.3484



43.5829, 0.2974, 0.3091



43.5829, 0.3348, 0.3448

Square

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



43.5829, 0.2974, 0.3091



43.5829, 0.3300, 0.3259



43.5829, 0.3280, 0.3494



43.5829, 0.2956, 0.3319

Rectangle

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



43.5829, 0.2974, 0.3091



43.5829, 0.3159, 0.3141



43.5829, 0.3280, 0.3494



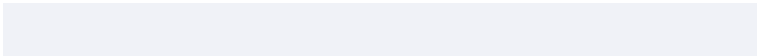
43.5829, 0.3092, 0.3446

Sweetspot

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



43.5847, 0.2974, 0.3091



88.4660, 0.3082, 0.3232



49.6024, 0.3005, 0.3344



19.1486, 0.3070, 0.3216



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.5847, 0.2974, 0.3091



74.9084, 0.2938, 0.3043



42.6358, 0.3020, 0.3040



9.5470, 0.2984, 0.3104



3.6038, 0.1566, 0.0836



0.2388, 0.1692, 0.1291

Inverse Universe

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



43.6969, 0.3265, 0.3238



75.1910, 0.3300, 0.3226



50.6201, 0.3228, 0.3535



9.5688, 0.3256, 0.3241



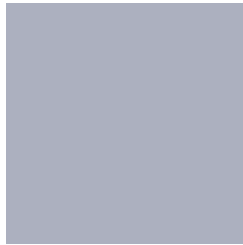
7.3935, 0.6011, 0.3085



0.2995, 0.5340, 0.2715

Previews

White Background



This preview shows how the Yxy color 43.5829, 0.2974, 0.3091 looks on a white background.

Color Contrast Check

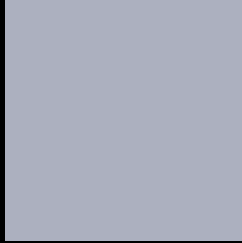
Large Text (above 18pt) WCAG AA × Fail

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 43.5829, 0.2974, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

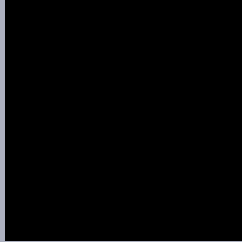
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

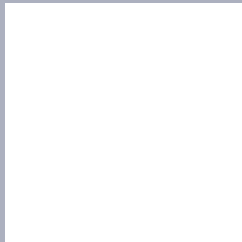
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5829, 0.2974, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 43.5829, 0.2974, 0.3091.

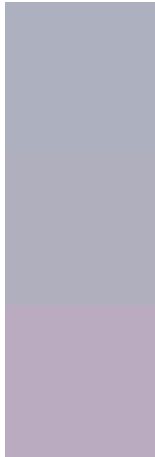


This preview shows how white text looks on a background with the Yxy color 43.5829, 0.2974, 0.3091.

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

43.5829, 0.2974, 0.3091

Protanopia

43.4916, 0.3007, 0.3092

Deuteranopia

43.3707, 0.3087, 0.3020



Tritanopia

43.5390, 0.2982, 0.3104

Trichromacy



Original Color

43.5829, 0.2974, 0.3091

Protanomaly

43.3763, 0.2999, 0.3091

Deuteranomaly

43.5167, 0.3043, 0.3043

Tritanomaly

43.5390, 0.2982, 0.3104

Monochromacy



Original Color

43.5829, 0.2974, 0.3091

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9356, 0.3070, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5829, 0.2974, 0.3091 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(172, 176, 191)` looks like.

```
.text, #text, p{  
    color:rgb(172, 176, 191)  
}
```

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(172, 176, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 176, 191) }
```

Border

The CSS property to change the border of an element to Yxy 43.5829, 0.2974, 0.3091 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(172, 176, 191) }
```

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

```
.border{ border-color:rgb(172, 176, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 176, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 176, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 176, 191);  
box-shadow:4px 4px 4px 4px rgb(172, 176,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5829, 0.2974, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 176, 191) }
```

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

```
.background{ background-color: rgb(172,  
176, 191) }
```

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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