

Converting Colors

$Yxy(43.3332, 0.2876, 0.3025)$

Have a look what the booklet for
Yxy(43.3332, 0.2876, 0.3025)
contains.

Yxy(43.4748, 0.2873, 0.3023)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4748, 0.2873, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	A5B1C5
RGB	165, 177, 197
RGB Percent	65%, 69%, 77%
CMY	0.3529, 0.3059, 0.2276
CMYK	0.16, 0.10, 0.00, 0.23
HSL	218°, 22%, 71%
HSV	218°, 16%, 77%
XYZ	41.3176, 43.4748, 59.0210
YIQ	175.6920, -13.5720, 3.6760

Conversions

Conversions Part 2

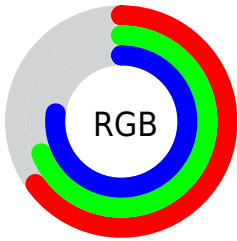
Format	Color
R_{YB}	165, 174, 197
Decimal	10858949
CIE _{Lab}	71.88, -0.01, -11.56
CIE _{LCh}	72, 11.561, 269.941
Yxy	43.4748, 0.2873, 0.3023
Android (android.graphics.Color)	4289049029 (0xFFA5B1C5)
YUV	175.6920, 10.5048, -9.3769
Hunter-Lab	65.9354, -3.5322, -6.9177

Details

The Yxy color **43.4748, 0.2873, 0.3023** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.2791, 0.3391, 0.3543**, and the grayscale version is **43.1988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6492, 0.2916, 0.3072**, and **20.1611, 0.2804, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **36.8778, 0.2705, 0.2833**, and if you desaturate by 10%, it is **50.8395, 0.3033, 0.3194**.

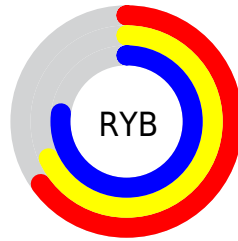
Distribution



Red (65%)

Green (69%)

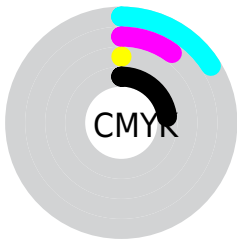
Blue (77%)



Red (65%)

Yellow (68%)

Blue (77%)

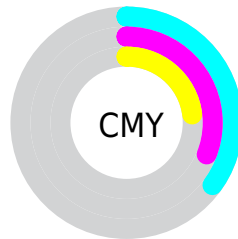


Cyan (16%)

Magenta (10%)

Yellow (0%)

Black (23%)



Cyan (35%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4748, 0.2873, 0.3023 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 43.4748, 0.2873, 0.3023 by changing the saturation by 10% instead.

■ 43.4748, 0.2873,
0.3023

■ 43.4748, 0.2873,
0.3023

360.5608, 0.3001,
0.3157

■ 30.2578, 0.2841,
0.2989

■ 80.4269, 0.2920,
0.3072

■ 20.0344, 0.2799,
0.2946

■ 104.9307, 0.2937,
0.3090

■ 12.4200, 0.2744,
0.2888

133.9657, 0.2952,
0.3106

■ 7.0304, 0.2667,
0.2806

167.9162, 0.2965,
0.3119

■ 3.4811, 0.2550,
0.2684

207.1665, 0.2975,
0.3131

■ 1.3878, 0.2358,
0.2482

252.1011, 0.2985,

■ 0.2077, 0.1368,

0.3141

0.1441

303.1044, 0.2993,
0.3150

0.0000, 0.0000,
0.0000

43.4748, 0.2873,
0.3023

43.4748, 0.2873,
0.3023

36.8778, 0.2705,
0.2833

50.8395, 0.3033,
0.3194

31.0168, 0.2532,
0.2625

58.9915, 0.3182,
0.3345

25.8656, 0.2358,
0.2401

67.9565, 0.3321,
0.3479

21.3941, 0.2188,
0.2165

77.7571, 0.3449,
0.3596

17.5698, 0.2030,
0.1924

86.7657, 0.3506,
0.3707

■ 14.3573, 0.1890,
0.1685

■ 94.2042, 0.3480,
0.3822

■ 11.7165, 0.1776,
0.1459

■ 96.8100, 0.3472,
0.3860

■ 9.5995, 0.1690,
0.1255

■ 8.9087, 0.1662,
0.1183

Harmonies

Analogous

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



43.4748, 0.2813, 0.3099



43.4748, 0.2873, 0.3023



43.4748, 0.3001, 0.3018

Triad

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



43.4748, 0.2873, 0.3023



43.4748, 0.3430, 0.3337



43.4748, 0.3082, 0.3514

Complementary

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



43.4748, 0.2873, 0.3023



49.2791, 0.3391, 0.3543

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.



43.4748, 0.3248, 0.3578



43.4748, 0.2873, 0.3023



43.4748, 0.3452, 0.3470

Square

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



43.4748, 0.2873, 0.3023



43.4748, 0.3324, 0.3196



43.4748, 0.3384, 0.3560



43.4748, 0.2931, 0.3385

Rectangle

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



43.4748, 0.2873, 0.3023



43.4748, 0.3110, 0.3053



43.4748, 0.3384, 0.3560



43.4748, 0.3138, 0.3544

Sweetspot

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



43.4766, 0.2873, 0.3023



92.6819, 0.3050, 0.3212



51.4136, 0.2968, 0.3451



19.6239, 0.3039, 0.3200



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.



43.4766, 0.2873, 0.3023



74.1182, 0.2822, 0.2967



39.3548, 0.2898, 0.2862



10.9282, 0.2983, 0.3142



6.0098, 0.1669, 0.1207



0.4234, 0.1788, 0.1635

Inverse Universe

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



41.9589, 0.3321, 0.3138



71.0887, 0.3366, 0.3107



54.0081, 0.3337, 0.3692



10.7016, 0.3232, 0.3204



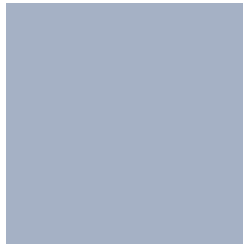
8.1467, 0.5456, 0.2779



0.3998, 0.4886, 0.2465

Previews

White Background



This preview shows how the Yxy color 43.4748, 0.2873, 0.3023 looks on a white background.

Color Contrast Check

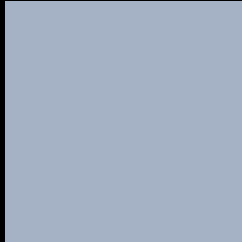
Large Text (above 18pt) WCAG AA × Fail

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 43.4748, 0.2873, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

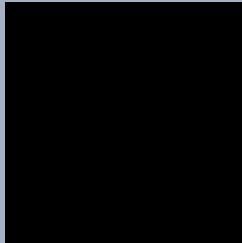
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

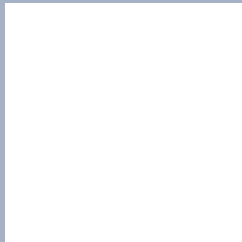
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4748, 0.2873, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 43.4748, 0.2873, 0.3023.



This preview shows how white text looks on a background with the Yxy color 43.4748, 0.2873, 0.3023.

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

43.4748, 0.2873, 0.3023

Protanopia

43.5297, 0.2944, 0.3014

Deuteranopia

43.2703, 0.3013, 0.2944



Tritanopia

43.5391, 0.2902, 0.3101

Trichromacy



Original Color

43.4748, 0.2873, 0.3023

Protanomaly

43.5822, 0.2920, 0.3025

Deuteranomaly

43.1945, 0.2953, 0.2964

Tritanomaly

43.6283, 0.2887, 0.3075

Monochromacy



Original Color

43.4748, 0.2873, 0.3023

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2820, 0.3029, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4748, 0.2873, 0.3023 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(165, 177, 197)` looks like.

```
.text, #text, p{  
    color:rgb(165, 177, 197)  
}
```

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(165, 177, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 177, 197) }
```

Border

The CSS property to change the border of an element to Yxy 43.4748, 0.2873, 0.3023 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(165, 177, 197) }
```

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

```
.border{ border-color:rgb(165, 177, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 177, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 177, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 177, 197);  
box-shadow:4px 4px 4px 4px rgb(165, 177,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4748, 0.2873, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 177, 197) }
```

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

```
.background{ background-color: rgb(165,  
177, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor