

Converting Colors

$Yxy(43.5984, 0.3065, 0.3208)$

Have a look what the booklet for
Yxy(43.5984, 0.3065, 0.3208)
contains.

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Color

Yxy(43.5420, 0.3070, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	AFB0B6
RGB	175, 176, 182
RGB Percent	69%, 69%, 71%
CMY	0.3138, 0.3098, 0.2863
CMYK	0.04, 0.03, 0.00, 0.29
HSL	231°, 5%, 70%
HSV	231°, 4%, 71%
XYZ	41.6430, 43.5420, 50.4599
YIQ	176.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

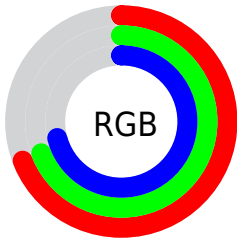
Format	Color
RYB	175, 176, 182
Decimal	11514038
CIELab	71.92, 0.78, -3.18
CIELCh	72, 3.279, 283.847
Yxy	43.5420, 0.3070, 0.3210
Android (android.graphics.Color)	4289704118 (0xFFAFB0B6)
YUV	176.3850, 2.7682, -1.2146
Hunter-Lab	65.9864, -2.8275, 0.8513

Details

The Yxy color **43.5420, 0.3070, 0.3210** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.0674, 0.3184, 0.3369**, and the grayscale version is **43.6127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8752, 0.3083, 0.3228**, and **20.2112, 0.3060, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **35.8389, 0.2910, 0.2983**, and if you desaturate by 10%, it is **52.2276, 0.3213, 0.3409**.

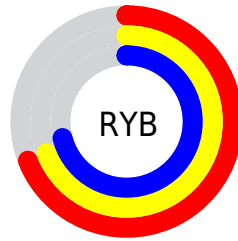
Distribution



Red (69%)

Green (69%)

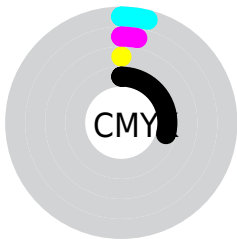
Blue (71%)



Red (69%)

Yellow (69%)

Blue (71%)

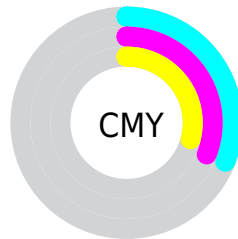


Cyan (4%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5420, 0.3070, 0.3210 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 43.5420, 0.3070, 0.3210 by changing the saturation by 10% instead.

■ 43.5420, 0.3070,
0.3210

■ 43.5420, 0.3070,
0.3210

360.8360, 0.3099,
0.3250

■ 30.3106, 0.3063,
0.3200

■ 80.5281, 0.3081,
0.3225

■ 20.0745, 0.3053,
0.3187

105.0516, 0.3085,
0.3230

■ 12.4492, 0.3040,
0.3169

134.1080, 0.3088,
0.3235

■ 7.0504, 0.3022,
0.3144

168.0816, 0.3091,
0.3239

■ 3.4936, 0.2995,
0.3106

207.3568, 0.3093,
0.3242

■ 1.3945, 0.2947,
0.3041

252.3180, 0.3095,

■ 0.2127, 0.2492,

0.3245

0.2395

303.3496, 0.3097,
0.3248

0.0000, 0.0000,
0.0000

43.5420, 0.3070,
0.3210

43.5420, 0.3070,
0.3210

35.8389, 0.2910,
0.2983

52.2276, 0.3213,
0.3409

29.0781, 0.2735,
0.2729

61.9230, 0.3341,
0.3583

23.2250, 0.2547,
0.2449

72.6612, 0.3453,
0.3734

18.2405, 0.2350,
0.2148

84.4723, 0.3553,
0.3864

14.0829, 0.2153,
0.1836

95.2442, 0.3565,
0.3995

■ 10.7067, 0.1965,
0.1528

■ 96.1570, 0.3561,
0.4008

■ 8.0622, 0.1798,
0.1242

■ 6.0936, 0.1665,
0.0996

■ 4.7368, 0.1573,
0.0808

Harmonies

Analogous

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



43.5420, 0.3042, 0.3224



43.5420, 0.3070, 0.3210



43.5420, 0.3113, 0.3217

Triad

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



43.5420, 0.3070, 0.3210



43.5420, 0.3218, 0.3323



43.5420, 0.3094, 0.3337

Complementary

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



43.5420, 0.3070, 0.3210



46.0674, 0.3184, 0.3369

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.



43.5420, 0.3141, 0.3365



43.5420, 0.3070, 0.3210



43.5420, 0.3213, 0.3356

Square

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



43.5420, 0.3070, 0.3210



43.5420, 0.3199, 0.3282



43.5420, 0.3184, 0.3371



43.5420, 0.3056, 0.3298

Rectangle

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



43.5420, 0.3070, 0.3210



43.5420, 0.3145, 0.3233



43.5420, 0.3184, 0.3371



43.5420, 0.3109, 0.3348

Sweetspot

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



43.5439, 0.3070, 0.3210



83.2382, 0.3112, 0.3269



45.8970, 0.3076, 0.3304



18.4026, 0.3113, 0.3270



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.5439, 0.3070, 0.3210



77.1403, 0.3051, 0.3184



43.4256, 0.3092, 0.3197



9.5951, 0.3043, 0.3172



2.9971, 0.1538, 0.0735



0.1740, 0.1645, 0.1122

Inverse Universe

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



43.7298, 0.3181, 0.3276



77.5876, 0.3199, 0.3272



46.1940, 0.3162, 0.3383



9.6572, 0.3207, 0.3270



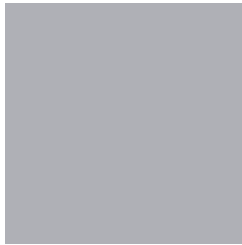
7.0849, 0.6175, 0.3175



0.2567, 0.5578, 0.2847

Previews

White Background



This preview shows how the Yxy color 43.5420, 0.3070, 0.3210 looks on a white background.

Color Contrast Check

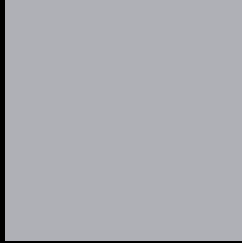
Large Text (above 18pt) WCAG AA × Fail

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 43.5420, 0.3070, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

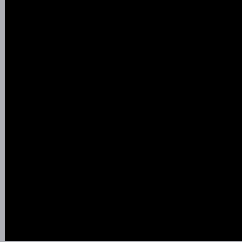
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

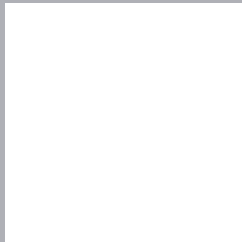
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5420, 0.3070, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 43.5420, 0.3070, 0.3210.



This preview shows how white text looks on a background with the Yxy color 43.5420, 0.3070, 0.3210.

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

43.5420, 0.3070, 0.3210

Protanopia

43.5023, 0.3097, 0.3197

Deuteranopia

43.4919, 0.3197, 0.3136



Tritanopia

43.5642, 0.3023, 0.3105

Trichromacy



Original Color

43.5420, 0.3070, 0.3210

Protanomaly

43.3845, 0.3088, 0.3197

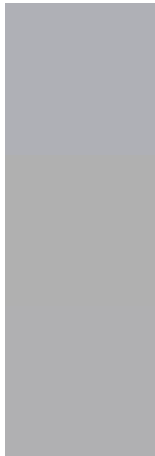
Deuteranomaly

43.6203, 0.3151, 0.3160

Tritanomaly

43.4352, 0.3047, 0.3144

Monochromacy



Original Color

43.5420, 0.3070, 0.3210

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4951, 0.3111, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5420, 0.3070, 0.3210 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(175, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(175, 176, 182)  
}
```

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(175, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 176, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.5420, 0.3070, 0.3210 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(175, 176, 182) }
```

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

```
.border{ border-color:rgb(175, 176, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(175, 176,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5420, 0.3070, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 176, 182) }
```

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

```
.background{ background-color: rgb(175,  
176, 182) }
```

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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