

Converting Colors

$Yxy(43.8196, 0.3066, 0.3161)$

Have a look what the booklet for
Yxy(43.8196, 0.3066, 0.3161)
contains.

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Color

Yxy(44.0184, 0.3072, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	B2B0B9
RGB	178, 176, 185
RGB Percent	70%, 69%, 73%
CMY	0.3019, 0.3098, 0.2745
CMYK	0.04, 0.05, 0.00, 0.27
HSL	253°, 6%, 71%
HSV	253°, 5%, 73%
XYZ	42.6441, 44.0184, 52.1530
YIQ	177.6240, -1.6970, 3.2230

Conversions

Conversions Part 2

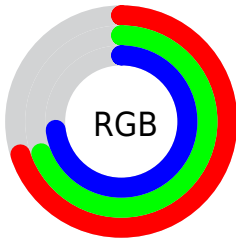
Format	Color
RYB	178, 176, 185
Decimal	11710649
CIELab	72.24, 2.43, -4.34
CIElCh	72, 4.976, 299.187
Yxy	44.0184, 0.3072, 0.3171
Android (android.graphics.Color)	4289900729 (0xFFB2B0B9)
YUV	177.6240, 3.6364, 0.3298
Hunter-Lab	66.3464, -1.3753, -0.1637

Details

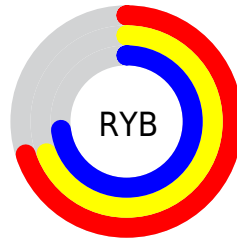
The Yxy color **44.0184, 0.3072, 0.3171** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.9049, 0.3181, 0.3407**, and the grayscale version is **44.2946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5565, 0.3084, 0.3198**, and **20.4412, 0.3051, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **35.6395, 0.2946, 0.2906**, and if you desaturate by 10%, it is **53.5683, 0.3181, 0.3408**.

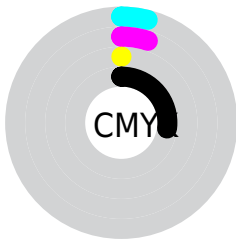
Distribution



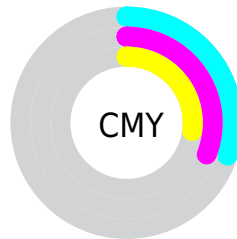
- Red (70%)
- Green (69%)
- Blue (73%)



- Red (70%)
- Yellow (69%)
- Blue (73%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (30%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0184, 0.3072, 0.3171 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 44.0184, 0.3072, 0.3171 by changing the saturation by 10% instead.

■ 44.0184, 0.3072,
0.3171

■ 44.0184, 0.3072,
0.3171

362.7834, 0.3100,
0.3231

■ 30.6850, 0.3065,
0.3156

■ 81.2454, 0.3082,
0.3193

■ 20.3591, 0.3056,
0.3137

105.9078, 0.3086,
0.3201

■ 12.6563, 0.3043,
0.3111

135.1153, 0.3089,
0.3208

■ 7.1923, 0.3026,
0.3074

169.2523, 0.3092,
0.3214

■ 3.5827, 0.2999,
0.3020

208.7033, 0.3094,
0.3219

■ 1.4430, 0.2953,
0.2928

253.8525, 0.3097,

■ 0.2481, 0.2641,

0.3223

305.0844, 0.3098,
0.3227

0.2221

0.0000, 0.0000,
0.0000

44.0184, 0.3072,
0.3171

44.0184, 0.3072,
0.3171

35.6395, 0.2946,
0.2906

53.5683, 0.3181,
0.3408

28.3806, 0.2802,
0.2614

64.3262, 0.3275,
0.3618

22.1956, 0.2642,
0.2299

76.3345, 0.3354,
0.3802

17.0326, 0.2467,
0.1971

89.6318, 0.3422,
0.3964

12.8359, 0.2284,
0.1643

95.3325, 0.3509,
0.3987

■ 9.5437, 0.2102,
0.1334

■ 96.2832, 0.3544,
0.3978

■ 7.0875, 0.1930,
0.1065

■ 5.3884, 0.1782,
0.0856

■ 4.3514, 0.1666,
0.0717

Harmonies

Analogous

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



44.0184, 0.3017, 0.3175



44.0184, 0.3072, 0.3171



44.0184, 0.3143, 0.3198

Triad

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



44.0184, 0.3072, 0.3171



44.0184, 0.3266, 0.3368



44.0184, 0.3045, 0.3332

Complementary

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



44.0184, 0.3072, 0.3171



47.9049, 0.3181, 0.3407

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.



44.0184, 0.3111, 0.3385



44.0184, 0.3072, 0.3171



44.0184, 0.3239, 0.3405

Square

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



44.0184, 0.3072, 0.3171



44.0184, 0.3255, 0.3310



44.0184, 0.3182, 0.3412



44.0184, 0.3001, 0.3268

Rectangle

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



44.0184, 0.3072, 0.3171



44.0184, 0.3189, 0.3229



44.0184, 0.3182, 0.3412



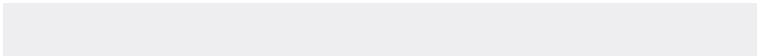
44.0184, 0.3065, 0.3352

Sweetspot

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



44.0203, 0.3072, 0.3171



85.1663, 0.3116, 0.3266



46.6247, 0.3053, 0.3264



18.3794, 0.3117, 0.3267



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.



44.0203, 0.3072, 0.3171



76.8751, 0.3057, 0.3140



44.5554, 0.3110, 0.3173



9.3421, 0.3052, 0.3129



2.7359, 0.1628, 0.0670



0.1244, 0.1893, 0.0816

Inverse Universe

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



44.7860, 0.3149, 0.3199



78.5805, 0.3155, 0.3176



47.3677, 0.3143, 0.3409



9.5656, 0.3157, 0.3168



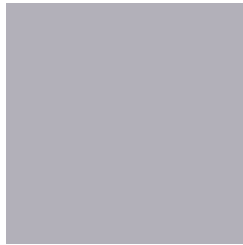
8.4017, 0.3857, 0.1898



0.3048, 0.3659, 0.1789

Previews

White Background



This preview shows how the Yxy color 44.0184, 0.3072, 0.3171 looks on a white background.

Color Contrast Check

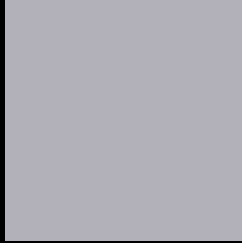
Large Text (above 18pt) WCAG AA × Fail

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 44.0184, 0.3072, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

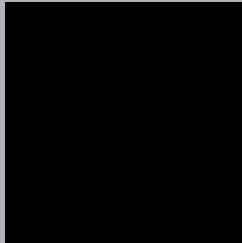
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

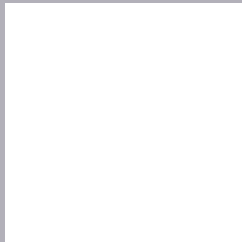
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0184, 0.3072, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 44.0184, 0.3072, 0.3171.



This preview shows how white text looks on a background with the Yxy color 44.0184, 0.3072, 0.3171.

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

44.0184, 0.3072, 0.3171

Protanopia

44.0184, 0.3072, 0.3171

Deuteranopia

43.9974, 0.3171, 0.3111



Tritanopia

43.9178, 0.3049, 0.3107

Trichromacy



Original Color

44.0184, 0.3072, 0.3171

Protanomaly

44.0184, 0.3072, 0.3171

Deuteranomaly

43.8714, 0.3135, 0.3122

Tritanomaly

43.8745, 0.3057, 0.3119

Monochromacy



Original Color

44.0184, 0.3072, 0.3171

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2455, 0.3104, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0184, 0.3072, 0.3171 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(178, 176, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 176, 185)  
}
```

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(178, 176, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 176, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.0184, 0.3072, 0.3171 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(178, 176, 185) }
```

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

```
.border{ border-color:rgb(178, 176, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 176, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(178, 176,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0184, 0.3072, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 176, 185) }
```

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

```
.background{ background-color: rgb(178,  
176, 185) }
```

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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