

Converting Colors

$Yxy(44.4025, 0.3045, 0.3274)$

Have a look what the booklet for
Yxy(44.4025, 0.3045, 0.3274)
contains.

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Color

Yxy(44.2343, 0.3043, 0.3263)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ABB3B5 |
| RGB | 171, 179, 181 |
| RGB Percent | 67%, 70%, 71% |
| CMY | 0.3295, 0.2980, 0.2902 |
| CMYK | 0.06, 0.01, 0.00, 0.29 |
| HSL | 192°, 6%, 69% |
| HSV | 192°, 6%, 71% |
| XYZ | 41.2519, 44.2343, 50.0771 |
| YIQ | 176.8360, -5.4100, -1.0740 |

Conversions

Conversions Part 2

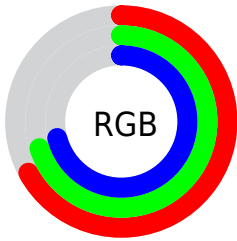
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 171, 175, 181 |
| Decimal | 11252661 |
| CIELab | 72.38, -2.41, -1.99 |
| CIELCh | 72, 3.123, 219.624 |
| Yxy | 44.2343, 0.3043, 0.3263 |
| Android (android.graphics.Color) | 4289442741 (0xFFABB3B5) |
| YUV | 176.8360, 2.0529, -5.1182 |
| Hunter-Lab | 66.5089, -5.6765, 1.9145 |

Details

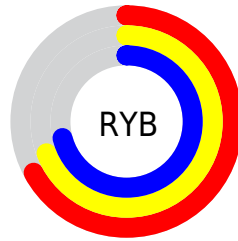
The Yxy color **44.2343, 0.3043, 0.3263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.6387, 0.3216, 0.3317**, and the grayscale version is **43.8666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6998, 0.3055, 0.3269**, and **20.4022, 0.3023, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **40.9202, 0.2893, 0.3211**, and if you desaturate by 10%, it is **47.8680, 0.3195, 0.3311**.

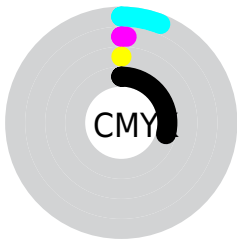
Distribution



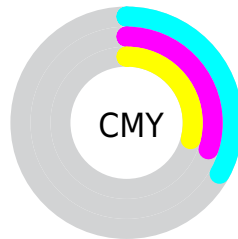
- Red (67%)
- Green (70%)
- Blue (71%)



- Red (67%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (33%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2343, 0.3043, 0.3263 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 44.2343, 0.3043, 0.3263 by changing the saturation by 10% instead.

■ 44.2343, 0.3043,
0.3263

■ 44.2343, 0.3043,
0.3263

363.6635, 0.3085,
0.3277

■ 30.8547, 0.3032,
0.3259

■ 81.5702, 0.3058,
0.3268

■ 20.4883, 0.3019,
0.3255

106.2953, 0.3064,
0.3270

■ 12.7505, 0.3000,
0.3249

135.5711, 0.3069,
0.3272

■ 7.2569, 0.2974,
0.3240

169.7819, 0.3073,
0.3273

■ 3.6233, 0.2934,
0.3226

209.3122, 0.3077,
0.3274

■ 1.4652, 0.2868,
0.3202

254.5463, 0.3080,

■ 0.2640, 0.2177,

0.3275

0.2990

305.8686, 0.3083,
0.3276

0.0000, 0.0000,
0.0000

44.2343, 0.3043,
0.3263

44.2343, 0.3043,
0.3263

40.9202, 0.2893,
0.3211

47.8680, 0.3195,
0.3311

37.9085, 0.2746,
0.3153

51.8264, 0.3347,
0.3354

35.1888, 0.2608,
0.3092

56.1219, 0.3496,
0.3392

32.7479, 0.2480,
0.3027

60.7642, 0.3641,
0.3425

30.5715, 0.2365,
0.2958

64.5125, 0.3728,
0.3458

■ 28.6437, 0.2267,
0.2888

■ 66.1625, 0.3717,
0.3495

■ 26.9470, 0.2187,
0.2816

■ 67.8516, 0.3706,
0.3532

■ 25.4607, 0.2126,
0.2744

■ 69.5800, 0.3696,
0.3568

■ 24.1595, 0.2083,
0.2673

■ 71.3481, 0.3686,
0.3604

Harmonies

Analogous

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



44.2343, 0.3064, 0.3303



44.2343, 0.3043, 0.3263



44.2343, 0.3045, 0.3231

Triad

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



44.2343, 0.3043, 0.3263



44.2343, 0.3153, 0.3242



44.2343, 0.3186, 0.3366

Complementary

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



44.2343, 0.3043, 0.3263



42.6387, 0.3216, 0.3317

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.



44.2343, 0.3211, 0.3349



44.2343, 0.3043, 0.3263



44.2343, 0.3191, 0.3277

Square

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



44.2343, 0.3043, 0.3263



44.2343, 0.3108, 0.3219



44.2343, 0.3212, 0.3316



44.2343, 0.3146, 0.3363

Rectangle

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



44.2343, 0.3043, 0.3263



44.2343, 0.3058, 0.3218



44.2343, 0.3212, 0.3316



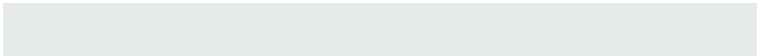
44.2343, 0.3197, 0.3363

Sweetspot

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



44.2362, 0.3043, 0.3263



81.4402, 0.3096, 0.3280



44.7124, 0.3106, 0.3401



17.6172, 0.3098, 0.3281



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



44.2362, 0.3043, 0.3263



78.2513, 0.3019, 0.3255



42.3240, 0.3044, 0.3197



9.4764, 0.3014, 0.3253



16.3777, 0.2070, 0.2651



0.5884, 0.2125, 0.2848

Inverse Universe

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



42.1981, 0.3150, 0.3184



73.6182, 0.3157, 0.3153



44.5343, 0.3211, 0.3381



8.8893, 0.3158, 0.3146



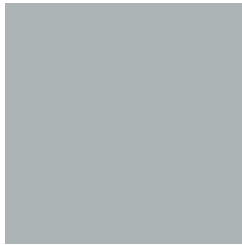
8.1935, 0.3775, 0.1853



0.2652, 0.3591, 0.1752

Previews

White Background



This preview shows how the Yxy color 44.2343, 0.3043, 0.3263 looks on a white background.

Color Contrast Check

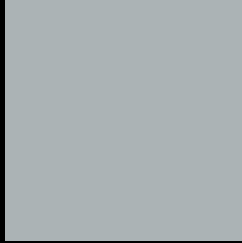
Large Text (above 18pt) WCAG AA × Fail

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 44.2343, 0.3043, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

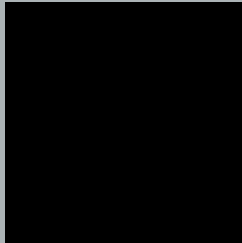
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

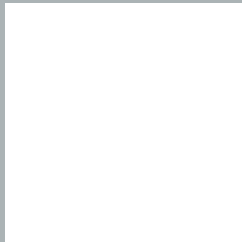
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2343, 0.3043, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 44.2343, 0.3043, 0.3263.



This preview shows how white text looks on a background with the Yxy color 44.2343, 0.3043, 0.3263.

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

44.2343, 0.3043, 0.3263

Protanopia

44.0493, 0.3130, 0.3237

Deuteranopia

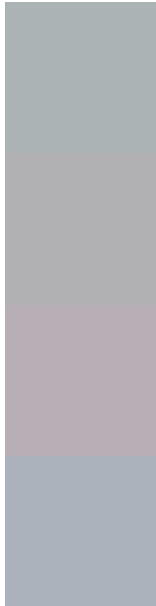
44.0889, 0.3223, 0.3162



Tritanopia

44.0901, 0.2983, 0.3105

Trichromacy



Original Color

44.2343, 0.3043, 0.3263

Protanomaly

44.0867, 0.3103, 0.3250

Deuteranomaly

44.2277, 0.3149, 0.3199

Tritanomaly

44.1993, 0.3005, 0.3170

Monochromacy



Original Color

44.2343, 0.3043, 0.3263

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.1691, 0.3101, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2343, 0.3043, 0.3263 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(171, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(171, 179, 181)  
}
```

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(171, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 179, 181) }
```

Border

The CSS property to change the border of an element to Yxy 44.2343, 0.3043, 0.3263 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(171, 179, 181) }
```

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

```
.border{ border-color:rgb(171, 179, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(171, 179,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2343, 0.3043, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 179, 181) }
```

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

```
.background{ background-color: rgb(171,  
179, 181) }
```

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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