

Converting Colors

$Yxy(43.6601, 0.3054, 0.3144)$

Have a look what the booklet for
Yxy(43.6601, 0.3054, 0.3144)
contains.

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Color

Yxy(43.5522, 0.3056, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	B1AFBA
RGB	177, 175, 186
RGB Percent	69%, 69%, 73%
CMY	0.3057, 0.3138, 0.2705
CMYK	0.05, 0.06, 0.00, 0.27
HSL	251°, 7%, 71%
HSV	251°, 6%, 73%
XYZ	42.3332, 43.5522, 52.6394
YIQ	176.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

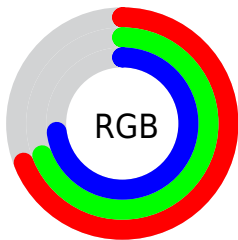
Format	Color
R_{YB}	177, 175, 186
Decimal	11644858
CIE _{Lab}	71.93, 2.84, -5.37
CIE _{LCh}	72, 6.074, 297.893
Yxy	43.5522, 0.3056, 0.3144
Android (android.graphics.Color)	4289834938 (0xFFB1AFBA)
YUV	176.8520, 4.5100, 0.1298
Hunter-Lab	65.9941, -0.9874, -1.0961

Details

The Yxy color **43.5522, 0.3056, 0.3144** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.4063, 0.3196, 0.3433**, and the grayscale version is **43.8659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3281, 0.3072, 0.3167**, and **20.1445, 0.3028, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **35.1250, 0.2922, 0.2875**, and if you desaturate by 10%, it is **53.1777, 0.3173, 0.3384**.

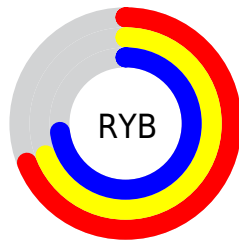
Distribution



Red (69%)

Green (69%)

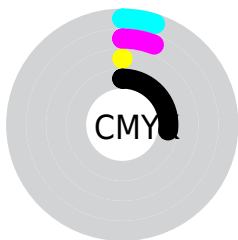
Blue (73%)



Red (69%)

Yellow (69%)

Blue (73%)

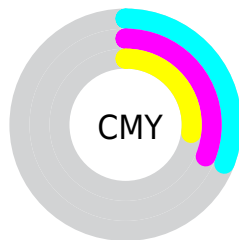


Cyan (5%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (31%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5522, 0.3056, 0.3144 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 43.5522, 0.3056, 0.3144 by changing the saturation by 10% instead.

■ 43.5522, 0.3056,
0.3144

■ 43.5522, 0.3056,
0.3144

360.8778, 0.3092,
0.3217

■ 30.3186, 0.3047,
0.3126

■ 80.5435, 0.3069,
0.3171

■ 20.0806, 0.3035,
0.3102

105.0700, 0.3074,
0.3181

■ 12.4536, 0.3019,
0.3070

134.1296, 0.3078,
0.3189

■ 7.0534, 0.2996,
0.3025

168.1067, 0.3082,
0.3197

■ 3.4955, 0.2961,
0.2958

207.3856, 0.3085,
0.3203

■ 1.3956, 0.2900,
0.2845

252.3509, 0.3088,

■ 0.2135, 0.2490,

0.3208

0.1952

303.3868, 0.3090,
0.3213

0.0000, 0.0000,
0.0000

43.5522, 0.3056,
0.3144

43.5522, 0.3056,
0.3144

35.1250, 0.2922,
0.2875

53.1777, 0.3173,
0.3384

27.8436, 0.2769,
0.2578

64.0402, 0.3273,
0.3596

21.6599, 0.2600,
0.2258

76.1837, 0.3358,
0.3782

16.5200, 0.2417,
0.1925

89.6482, 0.3431,
0.3944

12.3656, 0.2228,
0.1594

95.8961, 0.3522,
0.3972

■ 9.1326, 0.2042,
0.1284

■ 96.3260, 0.3538,
0.3969

■ 6.7491, 0.1871,
0.1019

■ 5.1322, 0.1728,
0.0816

■ 4.1783, 0.1621,
0.0687

Harmonies

Analogous

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



43.5522, 0.2990, 0.3151



43.5522, 0.3056, 0.3144



43.5522, 0.3142, 0.3175

Triad

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



43.5522, 0.3056, 0.3144



43.5522, 0.3298, 0.3382



43.5522, 0.3029, 0.3345

Complementary

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



43.5522, 0.3056, 0.3144



48.4063, 0.3196, 0.3433

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.



43.5522, 0.3110, 0.3409



43.5522, 0.3056, 0.3144



43.5522, 0.3266, 0.3430

Square

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



43.5522, 0.3056, 0.3144



43.5522, 0.3283, 0.3311



43.5522, 0.3197, 0.3441



43.5522, 0.2974, 0.3266

Rectangle

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



43.5522, 0.3056, 0.3144



43.5522, 0.3200, 0.3213



43.5522, 0.3197, 0.3441



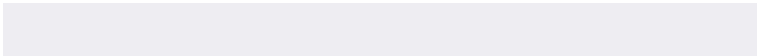
43.5522, 0.3054, 0.3369

Sweetspot

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



43.5541, 0.3056, 0.3144



85.4595, 0.3103, 0.3241



46.9383, 0.3037, 0.3263



18.8588, 0.3105, 0.3244



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.5541, 0.3056, 0.3144



77.0027, 0.3041, 0.3114



44.2109, 0.3103, 0.3146



9.1510, 0.3037, 0.3105



2.6462, 0.1596, 0.0653



0.1178, 0.1833, 0.0784

Inverse Universe

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



44.5563, 0.3151, 0.3174



79.1675, 0.3156, 0.3150



47.7425, 0.3150, 0.3435



9.4222, 0.3157, 0.3143



8.5440, 0.3737, 0.1832



0.3087, 0.3578, 0.1745

Previews

White Background



This preview shows how the Yxy color 43.5522, 0.3056, 0.3144 looks on a white background.

Color Contrast Check

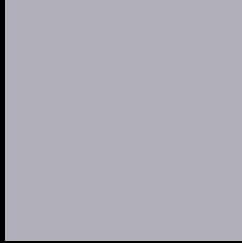
Large Text (above 18pt) WCAG AA × Fail

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 43.5522, 0.3056, 0.3144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

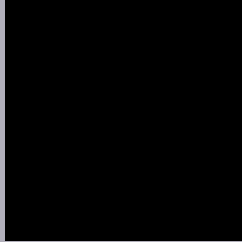
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

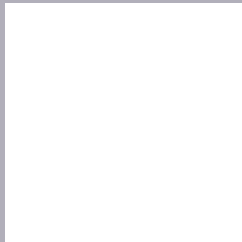
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.5522, 0.3056, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 43.5522, 0.3056, 0.3144.

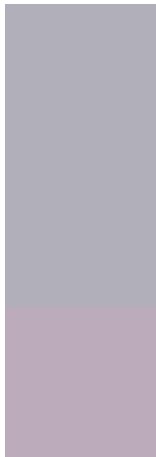


This preview shows how white text looks on a background with the Yxy color 43.5522, 0.3056, 0.3144.

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

43.5522, 0.3056, 0.3144

Protanopia

43.4352, 0.3047, 0.3144

Deuteranopia

43.4050, 0.3146, 0.3084



Tritanopia

43.6379, 0.3040, 0.3118

Trichromacy



Original Color

43.5522, 0.3056, 0.3144

Protanomaly

43.4352, 0.3047, 0.3144

Deuteranomaly

43.2833, 0.3110, 0.3095

Tritanomaly

43.5949, 0.3048, 0.3131

Monochromacy



Original Color

43.5522, 0.3056, 0.3144

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6931, 0.3103, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5522, 0.3056, 0.3144 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(177, 175, 186)` looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 186)  
}
```

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(177, 175, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.5522, 0.3056, 0.3144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

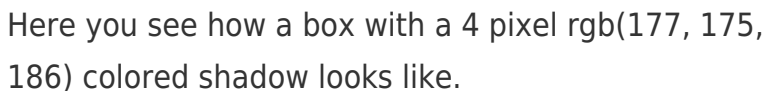
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 175, 186) }
```

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

```
.border{ border-color:rgb(177, 175, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 175, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 186);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5522, 0.3056, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 186) }
```

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

```
.background{ background-color: rgb(177,  
175, 186) }
```

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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