

Converting Colors

$Yxy(43.5077, 0.3002, 0.3259)$

Have a look what the booklet for
Yxy(43.5077, 0.3002, 0.3259)
contains.

Yxy(43.6834, 0.3001, 0.3262)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.6834, 0.3001, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	A6B3B5
RGB	166, 179, 181
RGB Percent	65%, 70%, 71%
CMY	0.3490, 0.2980, 0.2901
CMYK	0.08, 0.01, 0.00, 0.29
HSL	188°, 9%, 68%
HSV	188°, 8%, 71%
XYZ	40.1882, 43.6834, 50.0444
YIQ	175.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

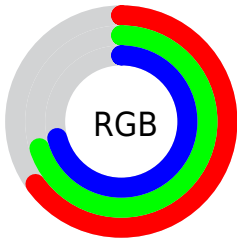
Format	Color
R_{YB}	166, 173, 181
Decimal	10924981
CIE Lab	72.02, -4.10, -2.59
CIE LCh	72, 4.851, 212.318
Yxy	43.6834, 0.3001, 0.3262
Android (android.graphics.Color)	4289115061 (0xFFA6B3B5)
YUV	175.3410, 2.7899, -8.1921
Hunter-Lab	66.0934, -7.1263, 1.3724

Details

The Yxy color **43.6834, 0.3001, 0.3262** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5946, 0.3265, 0.3318**, and the grayscale version is **43.0455, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9032, 0.3023, 0.3269**, and **20.0576, 0.2966, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **40.8949, 0.2853, 0.3225**, and if you desaturate by 10%, it is **46.7683, 0.3153, 0.3295**.

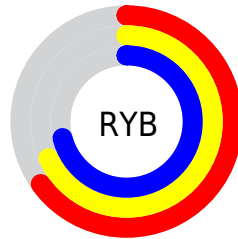
Distribution



Red (65%)

Green (70%)

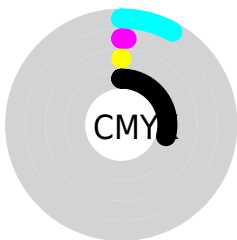
Blue (71%)



Red (65%)

Yellow (68%)

Blue (71%)

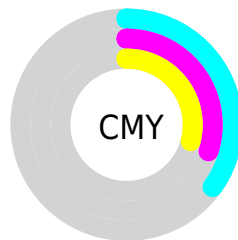


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (29%)



Cyan (35%)


Magenta (30%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6834, 0.3001, 0.3262 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 43.6834, 0.3001, 0.3262 by changing the saturation by 10% instead.


 43.6834, 0.3001,
0.3262


 43.6834, 0.3001,
0.3262


361.4148, 0.3065,
0.3277

 30.4217, 0.2985,
0.3258


 80.7411, 0.3024,
0.3267

 20.1589, 0.2964,
0.3253


 105.3059, 0.3033,
0.3269

 12.5106, 0.2936,
0.3247


134.4072, 0.3040,
0.3271

 7.0924, 0.2897,
0.3237

168.4294, 0.3047,
0.3272

 3.5200, 0.2838,
0.3221

207.7568, 0.3052,
0.3274

 1.4088, 0.2737,
0.3194

252.7739, 0.3057,

 0.2232, 0.1475,

0.3275

0.2938

303.8651, 0.3061,
0.3276

0.0000, 0.0000,
0.0000

43.6834, 0.3001,
0.3262

43.6834, 0.3001,
0.3262

40.8949, 0.2853,
0.3225

46.7683, 0.3153,
0.3295

38.3856, 0.2712,
0.3186

50.1550, 0.3307,
0.3326

36.1453, 0.2581,
0.3144

53.8555, 0.3460,
0.3353

34.1604, 0.2464,
0.3100

57.8796, 0.3611,
0.3377

32.4166, 0.2361,
0.3054

61.9487, 0.3744,
0.3398

■ 30.8978, 0.2277,
0.3007

■ 63.0236, 0.3737,
0.3424

■ 29.5858, 0.2211,
0.2960

■ 64.1164, 0.3730,
0.3449

■ 28.4594, 0.2163,
0.2913

■ 65.2271, 0.3723,
0.3474

■ 27.4834, 0.2132,
0.2866

■ 66.3558, 0.3716,
0.3499

Harmonies

Analogous

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



43.6834, 0.3041, 0.3325



43.6834, 0.3001, 0.3262



43.6834, 0.2995, 0.3208

Triad

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



43.6834, 0.3001, 0.3262



43.6834, 0.3150, 0.3204



43.6834, 0.3231, 0.3405

Complementary

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



43.6834, 0.3001, 0.3262



40.5946, 0.3265, 0.3318

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.



43.6834, 0.3261, 0.3371



43.6834, 0.3001, 0.3262



43.6834, 0.3214, 0.3255

Square

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



43.6834, 0.3001, 0.3262



43.6834, 0.3080, 0.3175



43.6834, 0.3255, 0.3316



43.6834, 0.3173, 0.3408

Rectangle

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



43.6834, 0.3001, 0.3262



43.6834, 0.3010, 0.3183



43.6834, 0.3255, 0.3316



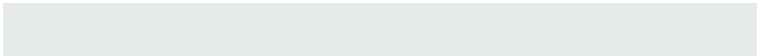
43.6834, 0.3245, 0.3397

Sweetspot

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



43.6852, 0.3001, 0.3262



81.6099, 0.3096, 0.3283



43.9934, 0.3102, 0.3470



17.6519, 0.3098, 0.3284



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.



43.6852, 0.3001, 0.3262



77.2414, 0.2973, 0.3255



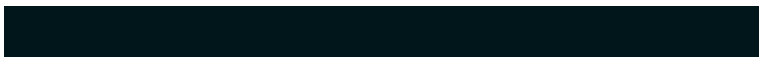
40.7627, 0.3001, 0.3159



9.4323, 0.2986, 0.3258



18.9036, 0.2129, 0.2864



0.6486, 0.2165, 0.2994

Inverse Universe

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



40.3537, 0.3154, 0.3117



70.0465, 0.3160, 0.3077



43.4421, 0.3255, 0.3418



8.6266, 0.3157, 0.3095



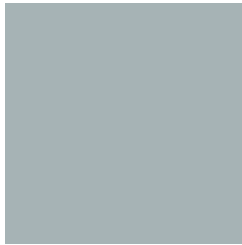
8.4485, 0.3576, 0.1744



0.2713, 0.3460, 0.1679

Previews

White Background



This preview shows how the Yxy color 43.6834, 0.3001, 0.3262 looks on a white background.

Color Contrast Check

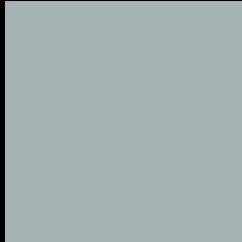
Large Text (above 18pt) WCAG AA × Fail

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 43.6834, 0.3001, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

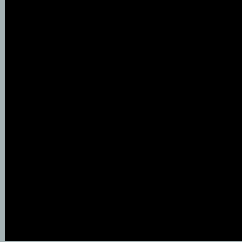
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

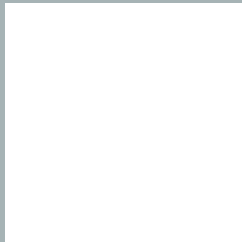
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6834, 0.3001, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 43.6834, 0.3001, 0.3262.

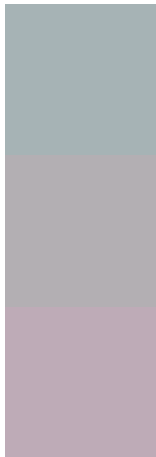


This preview shows how white text looks on a background with the Yxy color 43.6834, 0.3001, 0.3262.

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

43.6834, 0.3001, 0.3262

Protanopia

43.4983, 0.3130, 0.3237

Deuteranopia

43.4919, 0.3197, 0.3136



Tritanopia

43.5307, 0.2941, 0.3102

Trichromacy



Original Color

43.6834, 0.3001, 0.3262

Protanomaly

43.3446, 0.3077, 0.3236

Deuteranomaly

43.4733, 0.3123, 0.3185

Tritanomaly

43.6441, 0.2964, 0.3168

Monochromacy



Original Color

43.6834, 0.3001, 0.3262

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9956, 0.3084, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6834, 0.3001, 0.3262 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(166, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 179, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.6834, 0.3001, 0.3262 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(166, 179, 181) }
```

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

```
.border{ border-color:rgb(166, 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(166, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(166, 179,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6834, 0.3001, 0.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 179, 181) }
```

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

```
.background{ background-color: rgb(166,  
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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