

Converting Colors

$Yxy(43.3629, 0.2976, 0.3262)$

Have a look what the booklet for
Yxy(43.3629, 0.2976, 0.3262)
contains.

Yxy(43.3629, 0.2976, 0.3262)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3629, 0.2976, 0.3262)

Conversions

Conversions Part 1

Format	Color
Hex	A3B3B5
RGB	163, 179, 181
RGB Percent	64%, 70%, 71%
CMY	0.3609, 0.2980, 0.2901
CMYK	0.10, 0.01, 0.00, 0.29
HSL	187°, 11%, 67%
HSV	187°, 10%, 71%
XYZ	39.5610, 43.3629, 50.0096
YIQ	174.4440, -10.1780, -2.7700

Conversions

Conversions Part 2

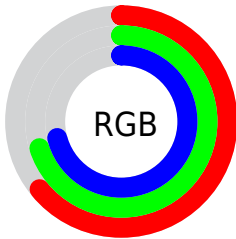
Format	Color
R_{YB}	163, 171, 181
Decimal	10728373
CIE _{Lab}	71.80, -5.13, -2.93
CIE _{LCh}	72, 5.910, 209.720
Yxy	43.3629, 0.2976, 0.3262
Android (android.graphics.Color)	4288918453 (0xFFA3B3B5)
YUV	174.4440, 3.2321, -10.0364
Hunter-Lab	65.8505, -8.0010, 1.0681

Details

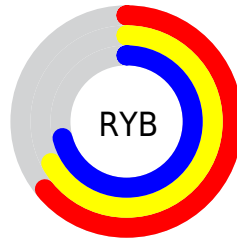
The Yxy color $43.3629, 0.2976, 0.3262$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.3699, 0.3297, 0.3318$, and the grayscale version is $42.5534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4365, 0.3003, 0.3269$, and $19.8597, 0.2932, 0.3251$ is the 20% darker color. If you saturate the color by 10%, you get $40.7884, 0.2830, 0.3231$, and if you desaturate by 10%, it is $46.2263, 0.3128, 0.3290$.

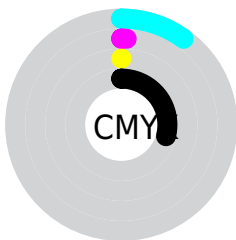
Distribution



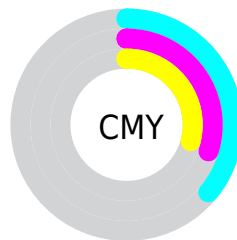
- Red (64%)
- Green (70%)
- Blue (71%)



- Red (64%)
- Yellow (67%)
- Blue (71%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)





- Cyan (36%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3629, 0.2976, 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 43.3629, 0.2976, 0.3262 by changing the saturation by 10% instead.


 43.3629, 0.2976,
0.3262


 43.3629, 0.2976,
0.3262


360.1021, 0.3052,
0.3277

 30.1700, 0.2957,
0.3258

 80.2582, 0.3004,
0.3267

 19.9676, 0.2932,
0.3253


 104.7294, 0.3014,
0.3270

 12.3715, 0.2899,
0.3246


133.7287, 0.3023,
0.3271

 6.9972, 0.2851,
0.3236

167.6406, 0.3031,
0.3273

 3.4604, 0.2780,
0.3220

206.8495, 0.3037,
0.3274

 1.3765, 0.2659,
0.3190

251.7398, 0.3043,

 0.1993, 0.0936,

0.3275

0.2908

302.6959, 0.3048,
0.3276

0.0000, 0.0000,
0.0000

43.3629, 0.2976,
0.3262

43.3629, 0.2976,
0.3262

40.7884, 0.2830,
0.3231

46.2263, 0.3128,
0.3290

38.4858, 0.2692,
0.3199

49.3840, 0.3282,
0.3316

36.4444, 0.2565,
0.3164

52.8482, 0.3436,
0.3338

34.6507, 0.2452,
0.3127

56.6287, 0.3589,
0.3359

33.0901, 0.2356,
0.3090

60.7349, 0.3738,
0.3376

■ 31.7462, 0.2277,
0.3051

■ 61.8949, 0.3745,
0.3397

■ 30.6006, 0.2217,
0.3013

■ 62.7790, 0.3739,
0.3418

■ 29.6313, 0.2176,
0.2975

■ 63.6752, 0.3733,
0.3439

■ 28.7931, 0.2149,
0.2937

■ 64.5836, 0.3727,
0.3460

Harmonies

Analogous

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



43.3629, 0.3027, 0.3339



43.3629, 0.2976, 0.3262



43.3629, 0.2965, 0.3194

Triad

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



43.3629, 0.2976, 0.3262



43.3629, 0.3147, 0.3181



43.3629, 0.3259, 0.3428

Complementary

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



43.3629, 0.2976, 0.3262



39.3699, 0.3297, 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.



43.3629, 0.3293, 0.3384



43.3629, 0.2976, 0.3262



43.3629, 0.3227, 0.3241

Square

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



43.3629, 0.2976, 0.3262



43.3629, 0.3063, 0.3149



43.3629, 0.3281, 0.3315



43.3629, 0.3191, 0.3436

Rectangle

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



43.3629, 0.2976, 0.3262



43.3629, 0.2981, 0.3163



43.3629, 0.3281, 0.3315



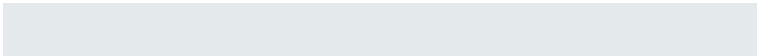
43.3629, 0.3275, 0.3417

Sweetspot

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



43.3647, 0.2976, 0.3262



81.1394, 0.3081, 0.3282



43.5463, 0.3101, 0.3517



17.4472, 0.3068, 0.3280



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.



43.3647, 0.2976, 0.3262



76.5769, 0.2943, 0.3255



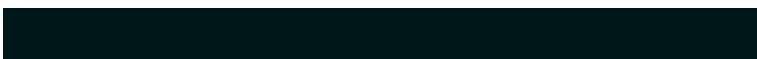
39.9398, 0.2975, 0.3139



9.4670, 0.2986, 0.3264



19.9065, 0.2151, 0.2942



0.6720, 0.2180, 0.3047

Inverse Universe

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



39.2639, 0.3156, 0.3076



67.7490, 0.3163, 0.3027



42.6630, 0.3284, 0.3436



8.6301, 0.3154, 0.3090



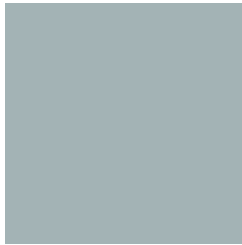
8.5497, 0.3506, 0.1705



0.2736, 0.3413, 0.1654

Previews

White Background



This preview shows how the Yxy color 43.3629, 0.2976, 0.3262 looks on a white background.

Color Contrast Check

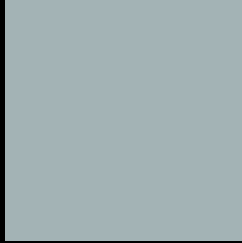
Large Text (above 18pt) WCAG AA × Fail

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 43.3629, 0.2976, 0.3262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

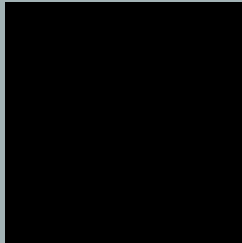
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

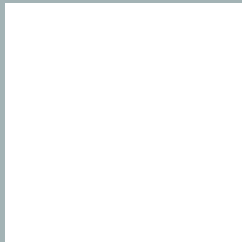
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3629, 0.2976, 0.3262

Background



This preview shows how black text looks on a background with the Yxy color 43.3629, 0.2976, 0.3262.



This preview shows how white text looks on a background with the Yxy color 43.3629, 0.2976, 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

43.3629, 0.2976, 0.3262

Protanopia

43.3796, 0.3121, 0.3237

Deuteranopia

42.9872, 0.3189, 0.3122



Tritanopia

43.2052, 0.2917, 0.3101

Trichromacy



Original Color

43.3629, 0.2976, 0.3262

Protanomaly

43.2302, 0.3069, 0.3236

Deuteranomaly

42.9678, 0.3115, 0.3171

Tritanomaly

43.3212, 0.2939, 0.3167

Monochromacy



Original Color

43.3629, 0.2976, 0.3262

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7710, 0.3067, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3629, 0.2976, 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(163, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 179, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.3629, 0.2976, 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(163, 179, 181) }
```

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

```
.border{ border-color:rgb(163, 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(163, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(163, 179,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3629, 0.2976, 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(163, 179, 181) }
```

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

```
.background{ background-color: rgb(163,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor