

Converting Colors

Yxy(42.5133, 0.3179, 0.3604)

Have a look what the booklet for
Yxy(42.5133, 0.3179, 0.3604)
contains.

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Color

Yxy(42.5670, 0.3173, 0.3601)

Conversions

Conversions Part 1	
Format	Color
Hex	A4B39D
RGB	164, 179, 157
RGB Percent	64%, 70%, 62%
CMY	0.3571, 0.2980, 0.3843
CMYK	0.08, 0.00, 0.12, 0.30
HSL	101°, 13%, 66%
HSV	101°, 12%, 70%
XYZ	37.5077, 42.5670, 38.1342
YIQ	172.0070, -1.8780, -10.0220

Conversions

Conversions Part 2

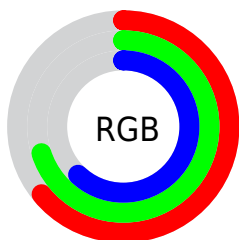
Format	Color
RYB	157, 179, 172
Decimal	10793885
CIELab	71.26, -9.38, 9.47
CIELCh	71, 13.328, 134.711
Yxy	42.5670, 0.3173, 0.3601
Android (android.graphics.Color)	4288983965 (0xFFA4B39D)
YUV	172.0070, -7.3985, -7.0221
Hunter-Lab	65.2434, -11.5584, 11.0159

Details

The Yxy color **42.5670, 0.3173, 0.3601** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.1446, 0.3075, 0.2986**, and the grayscale version is **41.2944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2302, 0.3163, 0.3539**, and **19.4071, 0.3180, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **40.7612, 0.3208, 0.3882**, and if you desaturate by 10%, it is **44.5916, 0.3136, 0.3345**.

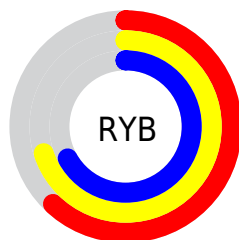
Distribution



Red (64%)

Green (70%)

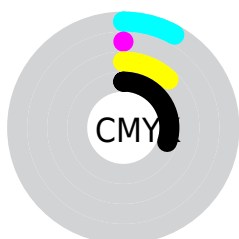
Blue (62%)



Red (62%)

Yellow (70%)

Blue (67%)

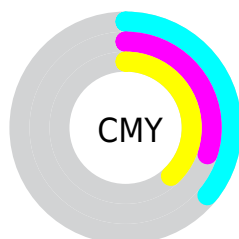


Cyan (8%)

Magenta (0%)

Yellow (12%)

Black (30%)



Cyan (36%)


Magenta (30%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5670, 0.3173, 0.3601 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 42.5670, 0.3173, 0.3601 by changing the saturation by 10% instead.


 42.5670, 0.3173,
0.3601

 42.5670, 0.3173,
0.3601

356.8280, 0.3151,
0.3440

 29.5455, 0.3178,
0.3643


 79.0570, 0.3165,
0.3541

 19.4939, 0.3184,
0.3698


 103.2944, 0.3162,
0.3519

 12.0277, 0.3192,
0.3773

132.0392, 0.3160,
0.3501

 6.7625, 0.3202,
0.3881

165.6757, 0.3158,
0.3485

 3.3140, 0.3215,
0.4051

204.5885, 0.3156,
0.3472

 1.2978, 0.3254,
0.4393


249.1619, 0.3154,


 0.1395, 0.0000,


0.3460


1.0000


299.7803, 0.3152,
0.3450


 0.0000, 0.0000,
0.0000


 42.5670, 0.3173,
0.3601


 42.5670, 0.3173,
0.3601


 40.7612, 0.3208,
0.3882


 44.5916, 0.3136,
0.3345


 39.1611, 0.3239,
0.4185


 46.8364, 0.3098,
0.3116


 37.7609, 0.3263,
0.4501


 49.3100, 0.3061,
0.2911


 36.5520, 0.3277,
0.4821


 52.0187, 0.3025,
0.2731


 35.5256, 0.3278,
0.5127


 54.9689, 0.2992,
0.2572

 34.6716, 0.3265,
0.5402


 57.5456, 0.3026,
0.2515

 33.9793, 0.3236,
0.5626

 59.7311, 0.3121,
0.2537

 33.4361, 0.3193,
0.5788

 60.7273, 0.3162,
0.2546

 33.1043, 0.3157,
0.5876

Harmonies

Analogous

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



42.5670, 0.3355, 0.3627



42.5670, 0.3173, 0.3601



42.5670, 0.2983, 0.3484

Triad

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



42.5670, 0.3173, 0.3601



42.5670, 0.2786, 0.3015



42.5670, 0.3427, 0.3259

Complementary

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



42.5670, 0.3173, 0.3601



36.1446, 0.3075, 0.2986

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.



42.5670, 0.3267, 0.3107



42.5670, 0.3173, 0.3601



42.5670, 0.2897, 0.2968

Square

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



42.5670, 0.3173, 0.3601



42.5670, 0.2764, 0.3139



42.5670, 0.3072, 0.3002



42.5670, 0.3505, 0.3423

Rectangle

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



42.5670, 0.3173, 0.3601



42.5670, 0.2877, 0.3371



42.5670, 0.3072, 0.3002



42.5670, 0.3381, 0.3205

Sweetspot

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



42.5688, 0.3173, 0.3601



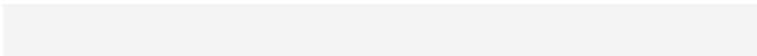
79.1770, 0.3142, 0.3388



41.5415, 0.3319, 0.3496



17.4797, 0.3145, 0.3407



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.



42.5688, 0.3173, 0.3601



75.2283, 0.3184, 0.3681



41.9891, 0.3080, 0.3547



9.6160, 0.3162, 0.3522



23.4191, 0.3164, 0.5869



0.7688, 0.3396, 0.5685

Inverse Universe

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



36.1446, 0.3075, 0.2986



61.2523, 0.3061, 0.2910



36.7920, 0.3178, 0.3046



8.5094, 0.3089, 0.3062



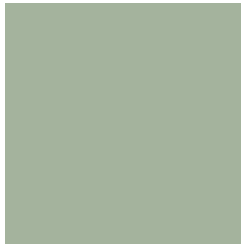
5.2827, 0.2435, 0.1115



0.1957, 0.2659, 0.1239

Previews

White Background



This preview shows how the Yxy color 42.5670, 0.3173, 0.3601 looks on a white background.

Color Contrast Check

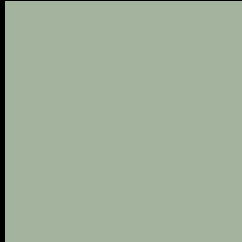
Large Text (above 18pt) WCAG AA × Fail

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 42.5670, 0.3173, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

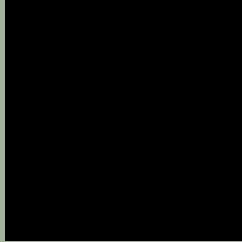
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5670, 0.3173, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 42.5670, 0.3173, 0.3601.



This preview shows how white text looks on a background with the Yxy color 42.5670, 0.3173, 0.3601.

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

42.5670, 0.3173, 0.3601

Protanopia

42.5503, 0.3370, 0.3561

Deuteranopia

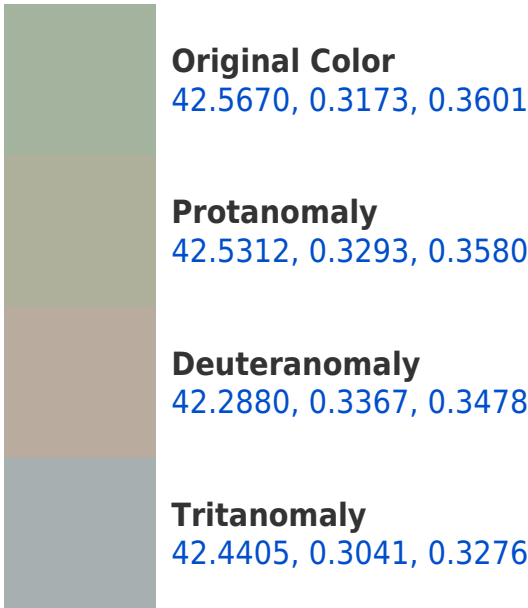
42.3788, 0.3481, 0.3408



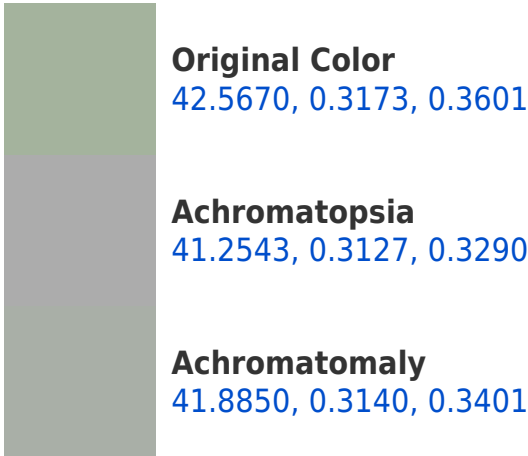
Tritanopia

42.7258, 0.2972, 0.3115

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5670, 0.3173, 0.3601 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(164, 179, 157) looks like.

```
.text, #text, p{  
    color:rgb(164, 179, 157)  
}
```

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(164, 179, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 179, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.5670, 0.3173, 0.3601 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(164, 179, 157) }
```

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

```
.border{ border-color:rgb(164, 179, 157) }
```

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

Here you see how a box with a 4 pixel rgb(164, 179, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 179, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 179, 157);  
box-shadow:4px 4px 4px 4px rgb(164, 179,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5670, 0.3173, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 179, 157) }
```

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

```
.background{ background-color: rgb(164,  
179, 157) }
```

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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