

Converting Colors

$Yxy(43.3311, 0.3193, 0.3703)$

Have a look what the booklet for
Yxy(43.3311, 0.3193, 0.3703)
contains.

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Color

Yxy(43.4372, 0.3185, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	A2B699
RGB	162, 182, 153
RGB Percent	64%, 71%, 60%
CMY	0.3646, 0.2863, 0.4000
CMYK	0.11, 0.00, 0.16, 0.29
HSL	101°, 17%, 66%
HSV	101°, 16%, 71%
XYZ	37.3811, 43.4372, 36.5478
YIQ	172.7140, -2.6110, -13.2590

Conversions

Conversions Part 2

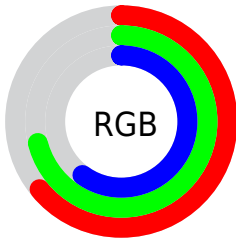
Format	Color
RYB	153, 182, 173
Decimal	10663577
CIELab	71.85, -12.34, 12.47
CIELCh	72, 17.542, 134.683
Yxy	43.4372, 0.3185, 0.3701
Android (android.graphics.Color)	4288853657 (0xFFA2B699)
YUV	172.7140, -9.7190, -9.3962
Hunter-Lab	65.9069, -14.0954, 13.2563

Details

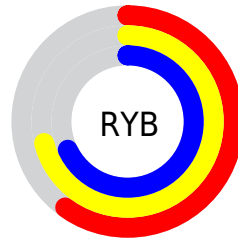
The Yxy color $43.4372, 0.3185, 0.3701$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $35.0385, 0.3059, 0.2892$, and the grayscale version is $41.6899, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4058, 0.3178, 0.3627$, and $19.9748, 0.3195, 0.3827$ is the 20% darker color. If you saturate the color by 10%, you get $41.6347, 0.3218, 0.3991$, and if you desaturate by 10%, it is $45.4660, 0.3149, 0.3435$.

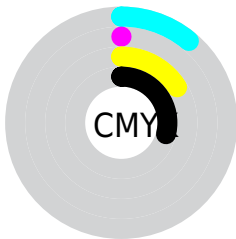
Distribution



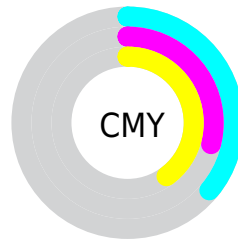
- Red (64%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)




- Cyan (36%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4372, 0.3185, 0.3701 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 43.4372, 0.3185, 0.3701 by changing the saturation by 10% instead.


 43.4372, 0.3185,
0.3701


 43.4372, 0.3185,
0.3701

360.4067, 0.3158,
0.3488

 30.2283, 0.3191,
0.3756


 80.3702, 0.3176,
0.3622

 20.0119, 0.3198,
0.3829


 104.8631, 0.3172,
0.3593

 12.4037, 0.3207,
0.3928


133.8861, 0.3169,
0.3568

 7.0193, 0.3217,
0.4072

167.8236, 0.3166,
0.3548

 3.4741, 0.3226,
0.4297

207.0600, 0.3164,
0.3530

 1.3840, 0.3287,
0.4788

251.9797, 0.3162,

 0.2049, 0.0000,

0.3514

1.0000

302.9672, 0.3160,
0.3501

0.0000, 0.0000,
0.0000

43.4372, 0.3185,
0.3701

43.4372, 0.3185,
0.3701

41.6347, 0.3218,
0.3991

45.4660, 0.3149,
0.3435

40.0450, 0.3246,
0.4301

47.7230, 0.3112,
0.3196

38.6615, 0.3266,
0.4621

50.2172, 0.3075,
0.2982

37.4751, 0.3275,
0.4939

52.9556, 0.3040,
0.2794

36.4760, 0.3271,
0.5237

55.9447, 0.3006,
0.2627

■ 35.6535, 0.3251,
0.5495

■ 58.7187, 0.3024,
0.2545

■ 34.9956, 0.3217,
0.5698

■ 60.9548, 0.3120,
0.2566

■ 34.4879, 0.3170,
0.5835

■ 61.9354, 0.3161,
0.2575

■ 34.3154, 0.3152,
0.5879

Harmonies

Analogous

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



43.4372, 0.3423, 0.3732



43.4372, 0.3185, 0.3701



43.4372, 0.2938, 0.3545

Triad

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



43.4372, 0.3185, 0.3701



43.4372, 0.2685, 0.2931



43.4372, 0.3520, 0.3247

Complementary

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



43.4372, 0.3185, 0.3701



35.0385, 0.3059, 0.2892

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.



43.4372, 0.3308, 0.3053



43.4372, 0.3185, 0.3701



43.4372, 0.2827, 0.2872

Square

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



43.4372, 0.3185, 0.3701



43.4372, 0.2656, 0.3090



43.4372, 0.3053, 0.2918



43.4372, 0.3623, 0.3459

Rectangle

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



43.4372, 0.3185, 0.3701



43.4372, 0.2801, 0.3396



43.4372, 0.3053, 0.2918



43.4372, 0.3459, 0.3178

Sweetspot

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



43.4391, 0.3185, 0.3701



82.7629, 0.3146, 0.3414



42.0605, 0.3381, 0.3560



18.2194, 0.3149, 0.3432



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.4391, 0.3185, 0.3701



77.6041, 0.3197, 0.3797



42.7065, 0.3067, 0.3632



10.1921, 0.3161, 0.3523



24.2651, 0.3159, 0.5873



0.8892, 0.3373, 0.5704

Inverse Universe

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



35.0385, 0.3059, 0.2892



59.5699, 0.3042, 0.2803



35.8871, 0.3194, 0.2971



9.0187, 0.3089, 0.3061



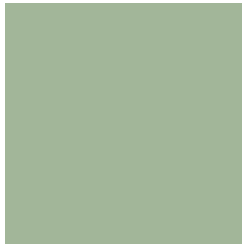
5.5183, 0.2445, 0.1121



0.2257, 0.2649, 0.1233

Previews

White Background



This preview shows how the Yxy color 43.4372, 0.3185, 0.3701 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 43.4372, 0.3185, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

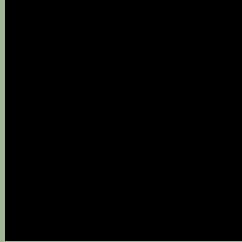
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

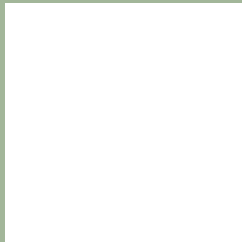
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.4372, 0.3185, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 43.4372, 0.3185, 0.3701.



This preview shows how white text looks on a background with the Yxy color 43.4372, 0.3185, 0.3701.

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

43.4372, 0.3185, 0.3701

Protanopia

43.1762, 0.3431, 0.3627

Deuteranopia

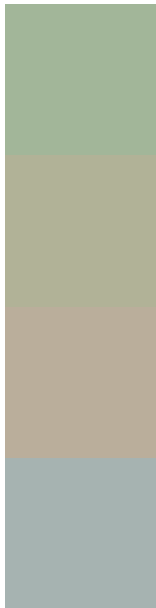
43.0556, 0.3535, 0.3458



Tritanopia

43.5307, 0.2941, 0.3102

Trichromacy



Original Color

43.4372, 0.3185, 0.3701

Protanomaly

43.4223, 0.3341, 0.3660

Deuteranomaly

43.0778, 0.3399, 0.3545

Tritanomaly

43.5215, 0.3032, 0.3317

Monochromacy



Original Color

43.4372, 0.3185, 0.3701

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.2389, 0.3147, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4372, 0.3185, 0.3701 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(162, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 182, 153)  
}
```

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(162, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 182, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.4372, 0.3185, 0.3701 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(162, 182, 153) }
```

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

```
.border{ border-color:rgb(162, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 182,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4372, 0.3185, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 182, 153) }
```

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

```
.background{ background-color: rgb(162,  
182, 153) }
```

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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