

Converting Colors

Yxy(44.0153, 0.3347, 0.3628)

Have a look what the booklet for
Yxy(44.0153, 0.3347, 0.3628)
contains.

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Color

Yxy(43.8440, 0.3352, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	B4B299
RGB	180, 178, 153
RGB Percent	71%, 70%, 60%
CMY	0.2940, 0.3020, 0.3999
CMYK	0.00, 0.01, 0.15, 0.29
HSL	56°, 15%, 65%
HSV	56°, 15%, 71%
XYZ	40.4974, 43.8440, 36.4742
YIQ	175.7480, 9.2170, -7.3510

Conversions

Conversions Part 2

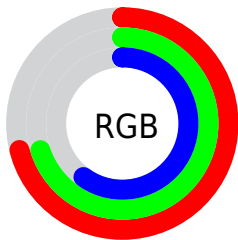
Format	Color
R_{YB}	155, 180, 153
Decimal	11842201
CIE _{Lab}	72.12, -3.60, 13.04
CIE _{LCh}	72, 13.526, 105.454
Yxy	43.8440, 0.3352, 0.3629
Android (android.graphics.Color)	4290032281 (0xFFB4B299)
YUV	175.7480, -11.2148, 3.7290
Hunter-Lab	66.2148, -6.7041, 13.6906

Details

The Yxy color $43.8440, 0.3352, 0.3629$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $33.5286, 0.2890, 0.2927$, and the grayscale version is $43.3369, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1835, 0.3313, 0.3573$, and $20.1386, 0.3416, 0.3722$ is the 20% darker color. If you saturate the color by 10%, you get $42.7607, 0.3508, 0.3861$, and if you desaturate by 10%, it is $45.0262, 0.3200, 0.3401$.

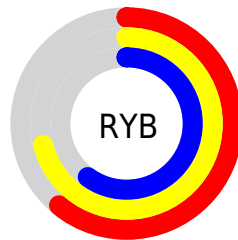
Distribution



Red (71%)

Green (70%)

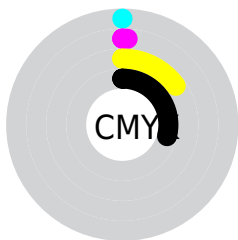
Blue (60%)



Red (61%)

Yellow (71%)

Blue (60%)

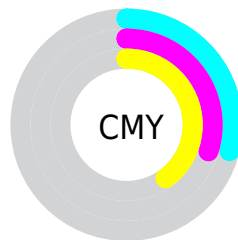


Cyan (0%)

Magenta (1%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (30%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8440, 0.3352, 0.3629 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 43.8440, 0.3352, 0.3629 by changing the saturation by 10% instead.


 43.8440, 0.3352,
0.3629


 43.8440, 0.3352,
0.3629


362.0713, 0.3239,
0.3456

 30.5479, 0.3380,
0.3673


 80.9829, 0.3311,
0.3566

 20.2548, 0.3416,
0.3730


 105.5946, 0.3296,
0.3542

 12.5804, 0.3464,
0.3807


134.7468, 0.3283,
0.3522

 7.1403, 0.3531,
0.3916

168.8241, 0.3271,
0.3505

 3.5500, 0.3629,
0.4081

208.2108, 0.3262,
0.3491

 1.4252, 0.3852,
0.4436

253.2913, 0.3253,

 0.2352, 0.3656,

0.3478

0.6344

304.4500, 0.3246,
0.3466

0.0000, 0.0000,
0.0000

43.8440, 0.3352,
0.3629

43.8440, 0.3352,
0.3629

42.7607, 0.3508,
0.3861

45.0262, 0.3200,
0.3401

41.7665, 0.3665,
0.4090

46.3053, 0.3056,
0.3182

40.8590, 0.3817,
0.4308

47.6867, 0.2921,
0.2975

40.0335, 0.3958,
0.4505

49.1739, 0.2797,
0.2782

39.2847, 0.4083,
0.4671

50.7700, 0.2683,
0.2604

■ 38.6071, 0.4185,
0.4800

■ 52.0833, 0.2614,
0.2500

■ 37.9937, 0.4261,
0.4887

■ 52.6550, 0.2616,
0.2516

■ 37.4364, 0.4311,
0.4931

■ 53.2321, 0.2617,
0.2532

■ 37.1695, 0.4330,
0.4944

■ 53.8146, 0.2619,
0.2548

Harmonies

Analogous

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



43.8440, 0.3478, 0.3562



43.8440, 0.3352, 0.3629



43.8440, 0.3168, 0.3601

Triad

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



43.8440, 0.3352, 0.3629



43.8440, 0.2761, 0.3134



43.8440, 0.3272, 0.3110

Complementary

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



43.8440, 0.3352, 0.3629



33.5286, 0.2890, 0.2927

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.



43.8440, 0.3077, 0.3003



43.8440, 0.3352, 0.3629



43.8440, 0.2786, 0.3012

Square

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



43.8440, 0.3352, 0.3629



43.8440, 0.2830, 0.3307



43.8440, 0.2900, 0.2966



43.8440, 0.3432, 0.3263

Rectangle

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



43.8440, 0.3352, 0.3629



43.8440, 0.3039, 0.3529



43.8440, 0.2900, 0.2966



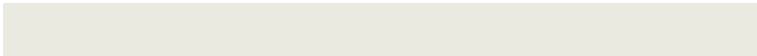
43.8440, 0.3208, 0.3067

Sweetspot

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



43.8459, 0.3352, 0.3629



81.8289, 0.3187, 0.3380



34.8712, 0.3380, 0.3259



17.6501, 0.3198, 0.3397



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.



43.8459, 0.3352, 0.3629



78.8117, 0.3403, 0.3706



43.3613, 0.3247, 0.3667



9.7954, 0.3265, 0.3499



25.9787, 0.4329, 0.4945



0.8495, 0.4287, 0.4978

Inverse Universe

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



33.5286, 0.2890, 0.2927



56.5018, 0.2833, 0.2837



34.0073, 0.2994, 0.2909



8.3291, 0.2985, 0.3073



2.5502, 0.1516, 0.0658



0.1139, 0.1582, 0.0893

Previews

White Background



This preview shows how the Yxy color 43.8440, 0.3352, 0.3629 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 43.8440, 0.3352, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

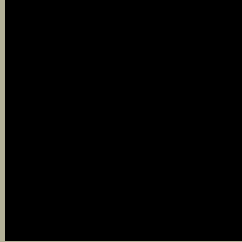
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

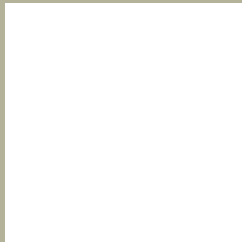
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.8440, 0.3352, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 43.8440, 0.3352, 0.3629.



This preview shows how white text looks on a background with the Yxy color 43.8440, 0.3352, 0.3629.

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

43.8440, 0.3352, 0.3629

Protanopia

43.7568, 0.3420, 0.3611

Deuteranopia

43.6726, 0.3560, 0.3482



Tritanopia

43.7893, 0.3118, 0.3109

Trichromacy



Original Color

43.8440, 0.3352, 0.3629

Protanomaly

43.9016, 0.3399, 0.3626

Deuteranomaly

43.6896, 0.3485, 0.3539

Tritanomaly

43.8224, 0.3198, 0.3290

Monochromacy



Original Color

43.8440, 0.3352, 0.3629

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6185, 0.3201, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8440, 0.3352, 0.3629 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(180, 178, 153)` looks like.

```
.text, #text, p{  
    color:rgb(180, 178, 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(180, 178, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 178, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.8440, 0.3352, 0.3629 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(180, 178, 153) }
```

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

```
.border{ border-color:rgb(180, 178, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 178, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 178, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 178, 153);  
box-shadow:4px 4px 4px 4px rgb(180, 178,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8440, 0.3352, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 178, 153) }
```

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

```
.background{ background-color: rgb(180,  
178, 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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