

Converting Colors

$Yxy(43.7558, 0.3338, 0.3578)$

Have a look what the booklet for
Yxy(43.7558, 0.3338, 0.3578)
contains.

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Color

Yxy(43.6683, 0.3338, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	B5B19C
RGB	181, 177, 156
RGB Percent	71%, 69%, 61%
CMY	0.2901, 0.3059, 0.3882
CMYK	0.00, 0.02, 0.14, 0.29
HSL	50°, 14%, 66%
HSV	50°, 14%, 71%
XYZ	40.7848, 43.6683, 37.7302
YIQ	175.8020, 9.1250, -5.6830

Conversions

Conversions Part 2

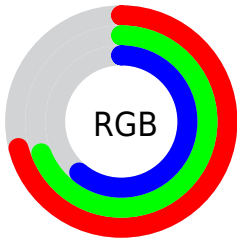
Format	Color
RYB	161, 181, 156
Decimal	11907484
CIELab	72.01, -2.21, 11.26
CIELCh	72, 11.472, 101.098
Yxy	43.6683, 0.3338, 0.3574
Android (android.graphics.Color)	4290097564 (0xFFB5B19C)
YUV	175.8020, -9.7624, 4.5586
Hunter-Lab	66.0820, -5.4761, 12.4052

Details

The Yxy color **43.6683, 0.3338, 0.3574** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5607, 0.2911, 0.2989**, and the grayscale version is **43.3589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9855, 0.3296, 0.3520**, and **20.2763, 0.3394, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **41.9598, 0.3501, 0.3787**, and if you desaturate by 10%, it is **45.4968, 0.3184, 0.3367**.

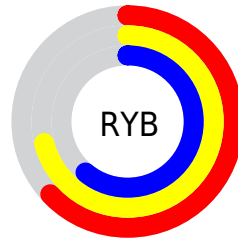
Distribution



Red (71%)

Green (69%)

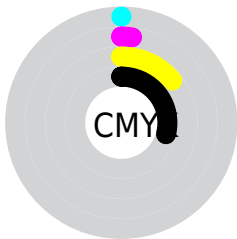
Blue (61%)



Red (63%)

Yellow (71%)

Blue (61%)

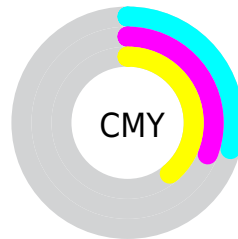


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (29%)



Cyan (29%)


Magenta (31%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6683, 0.3338, 0.3574 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 43.6683, 0.3338, 0.3574 by changing the saturation by 10% instead.


 43.6683, 0.3338,
0.3574


 43.6683, 0.3338,
0.3574


361.3530, 0.3232,
0.3430

 30.4098, 0.3365,
0.3611


 80.7184, 0.3299,
0.3521

 20.1499, 0.3399,
0.3658


 105.2788, 0.3285,
0.3501

 12.5040, 0.3445,
0.3722


134.3753, 0.3273,
0.3485

 7.0879, 0.3509,
0.3813

168.3923, 0.3262,
0.3471

 3.5171, 0.3605,
0.3951

207.7141, 0.3253,
0.3458

 1.4073, 0.3797,
0.4222

252.7253, 0.3245,

 0.2221, 0.4144,

0.3448

0.5856

303.8101, 0.3238,
0.3438

0.0000, 0.0000,
0.0000

43.6683, 0.3338,
0.3574

43.6683, 0.3338,
0.3574

41.9598, 0.3501,
0.3787

45.4968, 0.3184,
0.3367

40.3614, 0.3669,
0.3999

47.4434, 0.3040,
0.3169

38.8704, 0.3838,
0.4203

49.5137, 0.2907,
0.2984

37.4821, 0.4001,
0.4390

51.7114, 0.2786,
0.2811

36.1910, 0.4152,
0.4551

54.0398, 0.2677,
0.2652

■ 34.9913, 0.4284,
0.4675

■ 55.8669, 0.2631,
0.2601

■ 33.8761, 0.4391,
0.4757

■ 57.1852, 0.2635,
0.2635

■ 32.8372, 0.4470,
0.4794

■ 58.5292, 0.2639,
0.2670

■ 32.2239, 0.4509,
0.4802

■ 59.8991, 0.2643,
0.2704

Harmonies

Analogous

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



43.6683, 0.3434, 0.3509



43.6683, 0.3338, 0.3574



43.6683, 0.3187, 0.3561

Triad

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



43.6683, 0.3338, 0.3574



43.6683, 0.2819, 0.3178



43.6683, 0.3227, 0.3120

Complementary

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



43.6683, 0.3338, 0.3574



35.5607, 0.2911, 0.2989

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.



43.6683, 0.3061, 0.3036



43.6683, 0.3338, 0.3574



43.6683, 0.2829, 0.3065

Square

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



43.6683, 0.3338, 0.3574



43.6683, 0.2889, 0.3327



43.6683, 0.2916, 0.3015



43.6683, 0.3369, 0.3247

Rectangle

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



43.6683, 0.3338, 0.3574



43.6683, 0.3076, 0.3508



43.6683, 0.2916, 0.3015



43.6683, 0.3172, 0.3086

Sweetspot

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



43.6702, 0.3338, 0.3574



81.3683, 0.3187, 0.3372



36.1484, 0.3337, 0.3233



17.5324, 0.3198, 0.3387



91.1408, 0.3127, 0.3290



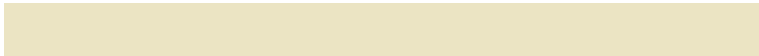
17.8868, 0.3127, 0.3290

Same Dimension

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



43.6702, 0.3338, 0.3574



77.0977, 0.3393, 0.3647



44.3114, 0.3256, 0.3634



9.6684, 0.3267, 0.3480



22.2898, 0.4505, 0.4805



0.7636, 0.4405, 0.4885

Inverse Universe

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



35.5607, 0.2911, 0.2989



59.3856, 0.2852, 0.2906



35.0431, 0.2986, 0.2938



8.4444, 0.2985, 0.3093



2.9823, 0.1543, 0.0756



0.1617, 0.1665, 0.1194

Previews

White Background



This preview shows how the Yxy color 43.6683, 0.3338, 0.3574 looks on a white background.

Color Contrast Check

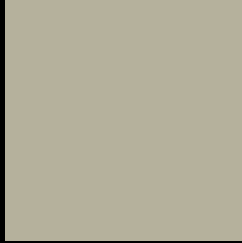
Large Text (above 18pt) WCAG AA × Fail

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 43.6683, 0.3338, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

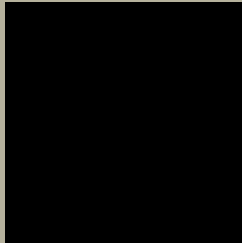
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

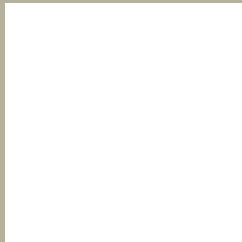
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6683, 0.3338, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 43.6683, 0.3338, 0.3574.



This preview shows how white text looks on a background with the Yxy color 43.6683, 0.3338, 0.3574.

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

43.6683, 0.3338, 0.3574

Protanopia

43.6076, 0.3376, 0.3572

Deuteranopia

43.4631, 0.3523, 0.3458



Tritanopia

43.7466, 0.3126, 0.3121

Trichromacy



Original Color

43.6683, 0.3338, 0.3574

Protanomaly

43.4845, 0.3367, 0.3573

Deuteranomaly

43.6589, 0.3449, 0.3500

Tritanomaly

43.5576, 0.3208, 0.3277

Monochromacy



Original Color

43.6683, 0.3338, 0.3574

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3802, 0.3202, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6683, 0.3338, 0.3574 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(181, 177, 156)` looks like.

```
.text, #text, p{  
    color:rgb(181, 177, 156)  
}
```

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(181, 177, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 177, 156) }
```

Border

The CSS property to change the border of an element to Yxy 43.6683, 0.3338, 0.3574 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(181, 177, 156) }
```

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

```
.border{ border-color:rgb(181, 177, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 177, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 177, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 177, 156);  
box-shadow:4px 4px 4px 4px rgb(181, 177,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6683, 0.3338, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 177, 156) }
```

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

```
.background{ background-color: rgb(181,  
177, 156) }
```

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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