

Converting Colors

$Yxy(42.1171, 0.3442, 0.3531)$

Have a look what the booklet for
Yxy(42.1171, 0.3442, 0.3531)
contains.

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Color

Yxy(42.1171, 0.3442, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	BCAB99
RGB	188, 171, 153
RGB Percent	74%, 67%, 60%
CMY	0.2627, 0.3294, 0.4000
CMYK	0.00, 0.09, 0.19, 0.26
HSL	31°, 21%, 67%
HSV	31°, 19%, 74%
XYZ	41.0555, 42.1171, 36.1055
YIQ	174.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

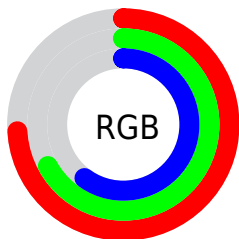
Format	Color
R _Y B	186, 188, 153
Decimal	12364697
CIE Lab	70.95, 3.17, 11.49
CIE LCh	71, 11.915, 74.568
Yxy	42.1171, 0.3442, 0.3531
Android (android.graphics.Color)	4290554777 (0xFFBCAB99)
YUV	174.0310, -10.3683, 12.2508
Hunter-Lab	64.8977, -0.6484, 12.4427

Details

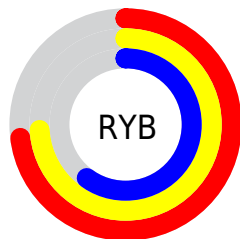
The Yxy color **42.1171, 0.3442, 0.3531** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1651, 0.2837, 0.3036**, and the grayscale version is **42.3945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1308, 0.3382, 0.3488**, and **19.2213, 0.3530, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **38.2111, 0.3644, 0.3668**, and if you desaturate by 10%, it is **46.3636, 0.3264, 0.3399**.

Distribution



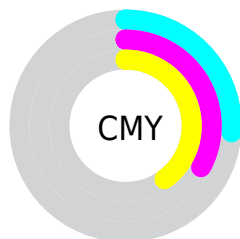
- Red (74%)
- Green (67%)
- Blue (60%)



- Red (73%)
- Yellow (74%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (26%)





- Cyan (26%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1171, 0.3442, 0.3531 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 42.1171, 0.3442, 0.3531 by changing the saturation by 10% instead.


 42.1171, 0.3442,
0.3531

 42.1171, 0.3442,
0.3531


354.9681, 0.3281,
0.3410

 29.1930, 0.3483,
0.3561


 78.3768, 0.3383,
0.3487

 19.2269, 0.3536,
0.3601


 102.4812, 0.3361,
0.3470

 11.8343, 0.3608,
0.3653


131.0812, 0.3342,
0.3456

 6.6310, 0.3710,
0.3726

164.5611, 0.3327,
0.3444

 3.2324, 0.3866,
0.3834

203.3054, 0.3313,
0.3434

 1.2542, 0.4218,
0.4094

247.6983, 0.3301,

 0.1053, 0.6276,

0.3425

0.3724

298.1245, 0.3291,
0.3417

0.0000, 0.0000,
0.0000

42.1171, 0.3442,
0.3531

42.1171, 0.3442,
0.3531

38.2111, 0.3644,
0.3668

46.3636, 0.3264,
0.3399

34.6306, 0.3869,
0.3805

50.9539, 0.3107,
0.3273

31.3676, 0.4115,
0.3936

55.8983, 0.2970,
0.3156

28.4116, 0.4376,
0.4050

61.2052, 0.2850,
0.3048

25.7513, 0.4644,
0.4137

66.8824, 0.2746,
0.2949

■ 23.3744, 0.4904,
0.4184

■ 72.2210, 0.2711,
0.2969

■ 21.2674, 0.5139,
0.4181

■ 77.3210, 0.2721,
0.3071

■ 19.4108, 0.5341,
0.4128

■ 82.6899, 0.2731,
0.3172

■ 19.1714, 0.5368,
0.4120

■ 88.3318, 0.2740,
0.3270

Harmonies

Analogous

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



42.1171, 0.3466, 0.3409



42.1171, 0.3442, 0.3531



42.1171, 0.3332, 0.3592

Triad

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



42.1171, 0.3442, 0.3531



42.1171, 0.2865, 0.3310



42.1171, 0.3077, 0.3030

Complementary

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



42.1171, 0.3442, 0.3531



39.1651, 0.2837, 0.3036

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.



42.1171, 0.2920, 0.3000



42.1171, 0.3442, 0.3531



42.1171, 0.2800, 0.3156

Square

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



42.1171, 0.3442, 0.3531



42.1171, 0.2999, 0.3464



42.1171, 0.2820, 0.3044



42.1171, 0.3252, 0.3125

Rectangle

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



42.1171, 0.3442, 0.3531



42.1171, 0.3227, 0.3586



42.1171, 0.2820, 0.3044



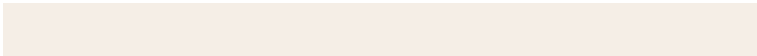
42.1171, 0.3021, 0.3012

Sweetspot

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



42.1190, 0.3442, 0.3531



86.0468, 0.3222, 0.3366



36.4006, 0.3312, 0.3057



18.3901, 0.3233, 0.3374



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



42.1190, 0.3442, 0.3531



73.5992, 0.3515, 0.3582



48.9685, 0.3403, 0.3747



10.3252, 0.3276, 0.3408



13.1995, 0.5350, 0.4134



0.6476, 0.5002, 0.4411

Inverse Universe

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



39.1651, 0.2837, 0.3036



67.3406, 0.2777, 0.2979



33.1899, 0.2824, 0.2789



9.9704, 0.2984, 0.3169



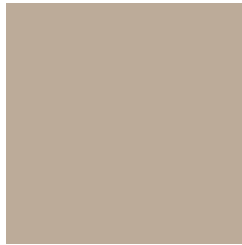
7.7606, 0.1765, 0.1552



0.4350, 0.1888, 0.1998

Previews

White Background



This preview shows how the Yxy color 42.1171, 0.3442, 0.3531 looks on a white background.

Color Contrast Check

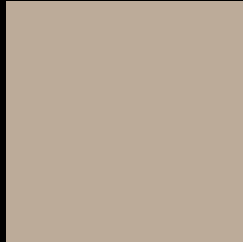
Large Text (above 18pt) WCAG AA × Fail

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 42.1171, 0.3442, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

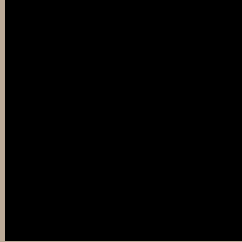
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1171, 0.3442, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 42.1171, 0.3442, 0.3531.



This preview shows how white text looks on a background with the Yxy color 42.1171, 0.3442, 0.3531.

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

42.1171, 0.3442, 0.3531

Protanopia

42.0440, 0.3362, 0.3549

Deuteranopia

41.9763, 0.3539, 0.3460



Tritanopia

42.0091, 0.3236, 0.3122

Trichromacy



Original Color

42.1171, 0.3442, 0.3531

Protanomaly

42.0285, 0.3393, 0.3534

Deuteranomaly

41.8077, 0.3498, 0.3475

Tritanomaly

41.8547, 0.3314, 0.3264

Monochromacy



Original Color

42.1171, 0.3442, 0.3531

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2240, 0.3240, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1171, 0.3442, 0.3531 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(188, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(188, 171, 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(188, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 171, 153) }
```

Border

The CSS property to change the border of an element to Yxy 42.1171, 0.3442, 0.3531 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(188, 171, 153) }
```

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

```
.border{ border-color:rgb(188, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(188, 171,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1171, 0.3442, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 171, 153) }
```

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

```
.background{ background-color: rgb(188,  
171, 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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