

Converting Colors

$Yxy(42.9607, 0.3389, 0.3520)$

Have a look what the booklet for
Yxy(42.9607, 0.3389, 0.3520)
contains.

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Color

Yxy(43.1115, 0.3390, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	BAAE9C
RGB	186, 174, 156
RGB Percent	73%, 68%, 61%
CMY	0.2705, 0.3177, 0.3882
CMYK	0.00, 0.06, 0.16, 0.27
HSL	36°, 18%, 67%
HSV	36°, 16%, 73%
XYZ	41.3900, 43.1115, 37.5928
YIQ	175.5360, 12.9300, -3.0540

Conversions

Conversions Part 2

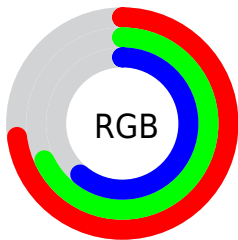
Format	Color
RYB	176, 186, 156
Decimal	12234396
CIELab	71.63, 1.27, 10.78
CIElCh	72, 10.855, 83.296
Yxy	43.1115, 0.3390, 0.3531
Android (android.graphics.Color)	4290424476 (0xFFBAAE9C)
YUV	175.5360, -9.6312, 9.1769
Hunter-Lab	65.6593, -2.3820, 12.0154

Details

The Yxy color **43.1115, 0.3390, 0.3531** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.6281, 0.2876, 0.3037**, and the grayscale version is **43.2101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5690, 0.3343, 0.3488**, and **19.9255, 0.3468, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **39.7316, 0.3577, 0.3688**, and if you desaturate by 10%, it is **46.7514, 0.3221, 0.3379**.

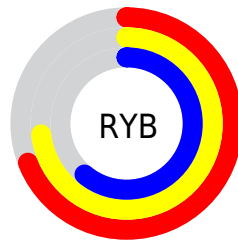
Distribution



Red (73%)

Green (68%)

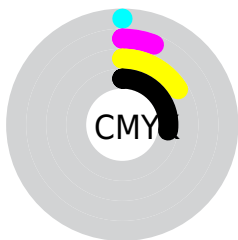
Blue (61%)



Red (69%)

Yellow (73%)

Blue (61%)

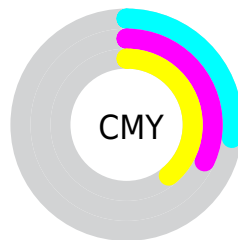


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (27%)



Cyan (27%)


Magenta (32%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1115, 0.3390, 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 43.1115, 0.3390, 0.3531 by changing the saturation by 10% instead.


 43.1115, 0.3390,
0.3531


 43.1115, 0.3390,
0.3531


359.0701, 0.3257,
0.3409

 29.9726, 0.3424,
0.3562


 79.8791, 0.3341,
0.3487

 19.8178, 0.3468,
0.3601


 104.2766, 0.3323,
0.3470

 12.2627, 0.3527,
0.3654


133.1957, 0.3308,
0.3456

 6.9228, 0.3610,
0.3729

167.0209, 0.3294,
0.3444

 3.4139, 0.3736,
0.3840

206.1366, 0.3283,
0.3434

 1.3514, 0.3987,
0.4064

250.9270, 0.3273,

 0.1805, 0.5287,

0.3425

0.4713

301.7768, 0.3264,
0.3417

0.0000, 0.0000,
0.0000

43.1115, 0.3390,
0.3531

43.1115, 0.3390,
0.3531

39.7316, 0.3577,
0.3688

46.7514, 0.3221,
0.3379

36.5990, 0.3782,
0.3847

50.6522, 0.3071,
0.3236

33.7083, 0.4003,
0.4000

54.8220, 0.2938,
0.3102

31.0517, 0.4233,
0.4138

59.2670, 0.2820,
0.2977

28.6208, 0.4465,
0.4251

63.9929, 0.2717,
0.2863

■ 26.4062, 0.4688,
0.4327

■ 68.1661, 0.2692,
0.2887

■ 24.3977, 0.4888,
0.4356

■ 72.1335, 0.2700,
0.2972

■ 22.5827, 0.5057,
0.4333

■ 76.2770, 0.2708,
0.3055

■ 21.9250, 0.5119,
0.4317

■ 80.5987, 0.2716,
0.3138

Harmonies

Analogous

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



43.1115, 0.3436, 0.3435



43.1115, 0.3390, 0.3531



43.1115, 0.3274, 0.3564

Triad

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



43.1115, 0.3390, 0.3531



43.1115, 0.2865, 0.3266



43.1115, 0.3129, 0.3074

Complementary

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



43.1115, 0.3390, 0.3531



38.6281, 0.2876, 0.3037

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.



43.1115, 0.2978, 0.3028



43.1115, 0.3390, 0.3531



43.1115, 0.2828, 0.3134

Square

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



43.1115, 0.3390, 0.3531



43.1115, 0.2971, 0.3409



43.1115, 0.2869, 0.3049



43.1115, 0.3282, 0.3174

Rectangle

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



43.1115, 0.3390, 0.3531



43.1115, 0.3173, 0.3543



43.1115, 0.2869, 0.3049



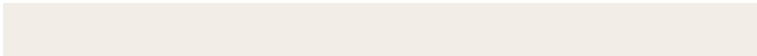
43.1115, 0.3076, 0.3052

Sweetspot

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



43.1134, 0.3390, 0.3531



85.4422, 0.3205, 0.3364



37.0655, 0.3307, 0.3122



18.7091, 0.3216, 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.



43.1134, 0.3390, 0.3531



76.1303, 0.3447, 0.3581



47.6573, 0.3344, 0.3687



9.8835, 0.3273, 0.3427



14.8969, 0.5104, 0.4330



0.6428, 0.4811, 0.4562

Inverse Universe

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



38.6281, 0.2876, 0.3037



66.6170, 0.2824, 0.2981



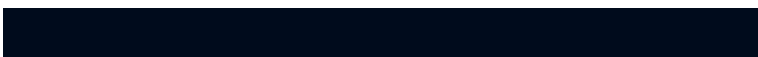
34.6441, 0.2891, 0.2865



9.2940, 0.2985, 0.3149



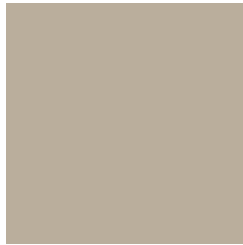
5.8624, 0.1691, 0.1287



0.3288, 0.1838, 0.1818

Previews

White Background



This preview shows how the Yxy color 43.1115, 0.3390, 0.3531 looks on a white background.

Color Contrast Check

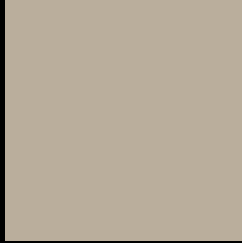
Large Text (above 18pt) WCAG AA × Fail

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 43.1115, 0.3390, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

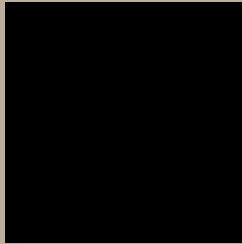
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

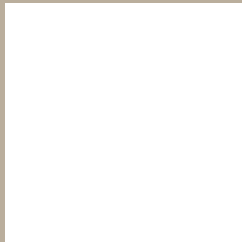
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1115, 0.3390, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 43.1115, 0.3390, 0.3531.



This preview shows how white text looks on a background with the Yxy color 43.1115, 0.3390, 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

43.1115, 0.3390, 0.3531

Protanopia

43.1275, 0.3360, 0.3546

Deuteranopia

42.9524, 0.3516, 0.3446



Tritanopia

43.1155, 0.3198, 0.3123

Trichromacy



Original Color

43.1115, 0.3390, 0.3531

Protanomaly

43.2506, 0.3369, 0.3546

Deuteranomaly

43.0295, 0.3463, 0.3474

Tritanomaly

42.9618, 0.3274, 0.3264

Monochromacy



Original Color

43.1115, 0.3390, 0.3531

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2278, 0.3221, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1115, 0.3390, 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(186, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 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(186, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 156) }
```

Border

The CSS property to change the border of an element to Yxy 43.1115, 0.3390, 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(186, 174, 156) }
```

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

```
.border{ border-color:rgb(186, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 156);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1115, 0.3390, 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(186, 174, 156) }
```

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

```
.background{ background-color: rgb(186,  
174, 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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