

Converting Colors

$Yxy(49.1534, 0.3319, 0.3601)$

Have a look what the booklet for
Yxy(49.1534, 0.3319, 0.3601)
contains.

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Color

Yxy(49.3381, 0.3315, 0.3601)

Conversions

Conversions Part 1

Format	Color
Hex	BCBCA4
RGB	188, 188, 164
RGB Percent	74%, 74%, 64%
CMY	0.2628, 0.2627, 0.3568
CMYK	0.00, 0.00, 0.13, 0.26
HSL	60°, 15%, 69%
HSV	60°, 13%, 74%
XYZ	45.4196, 49.3381, 42.2546
YIQ	185.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

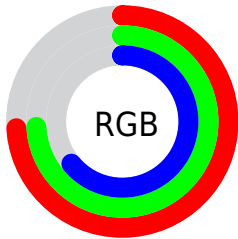
Format	Color
RYB	164, 188, 164
Decimal	12369060
CIELab	75.66, -4.19, 12.15
CIELCh	76, 12.855, 109.004
Yxy	49.3381, 0.3315, 0.3601
Android (android.graphics.Color)	4290559140 (0xFFBCBCA4)
YUV	185.2640, -10.4832, 2.3995
Hunter-Lab	70.2411, -7.4996, 13.5020

Details

The Yxy color $49.3381, 0.3315, 0.3601$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $38.0820, 0.2927, 0.2959$, and the grayscale version is $48.7263, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0489, 0.3280, 0.3543$, and $23.6487, 0.3373, 0.3696$ is the 20% darker color. If you saturate the color by 10%, you get $48.7072, 0.3465, 0.3850$, and if you desaturate by 10%, it is $50.0738, 0.3167, 0.3356$.

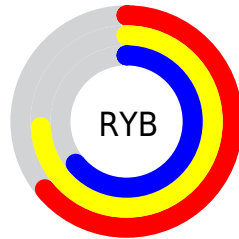
Distribution



Red (74%)

Green (74%)

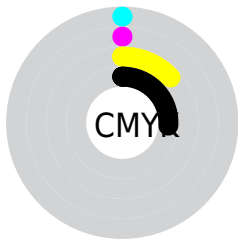
Blue (64%)



Red (64%)

Yellow (74%)

Blue (64%)

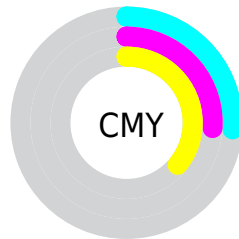


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (26%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.3381, 0.3315, 0.3601 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 49.3381, 0.3315, 0.3601 by changing the saturation by 10% instead.

 49.3381, 0.3315,
0.3601

 49.3381, 0.3315,
0.3601


384.0718, 0.3223,
0.3446

 34.8878, 0.3338,
0.3640


 89.1934, 0.3282,
0.3545

 23.5764, 0.3366,
0.3689


 115.3671, 0.3269,
0.3523

 15.0197, 0.3404,
0.3756


146.2175, 0.3259,
0.3505

 8.8332, 0.3455,
0.3848

182.1288, 0.3249,
0.3490

 4.6326, 0.3528,
0.3984

223.4855, 0.3241,
0.3477

 2.0333, 0.3642,
0.4207

270.6720, 0.3234,

 0.6267, 0.4405,

0.3465

0.5595

324.0726, 0.3228,
0.3455

0.0000, 0.0000,
0.0000

49.3381, 0.3315,
0.3601

49.3381, 0.3315,
0.3601

48.7072, 0.3465,
0.3850

50.0738, 0.3167,
0.3356

48.1702, 0.3614,
0.4096

50.9118, 0.3025,
0.3121

47.7244, 0.3755,
0.4330

51.8583, 0.2891,
0.2900

47.3649, 0.3883,
0.4542

52.9169, 0.2767,
0.2694

47.0860, 0.3993,
0.4724

53.8955, 0.2670,
0.2534

■ 46.8814, 0.4079,
0.4868

■ 53.8986, 0.2670,
0.2534

■ 46.7439, 0.4141,
0.4970

■ 53.9018, 0.2671,
0.2534

■ 46.6649, 0.4176,
0.5030

■ 53.9050, 0.2671,
0.2534

■ 46.6320, 0.4191,
0.5054

■ 53.9082, 0.2671,
0.2534

Harmonies

Analogous

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



49.3381, 0.3438, 0.3550



49.3381, 0.3315, 0.3601



49.3381, 0.3144, 0.3564

Triad

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



49.3381, 0.3315, 0.3601



49.3381, 0.2790, 0.3132



49.3381, 0.3280, 0.3140

Complementary

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



49.3381, 0.3315, 0.3601



38.0820, 0.2927, 0.2959

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.



49.3381, 0.3103, 0.3035



49.3381, 0.3315, 0.3601



49.3381, 0.2824, 0.3027

Square

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



49.3381, 0.3315, 0.3601



49.3381, 0.2844, 0.3286



49.3381, 0.2936, 0.2993



49.3381, 0.3418, 0.3284

Rectangle

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



49.3381, 0.3315, 0.3601



49.3381, 0.3027, 0.3493



49.3381, 0.2936, 0.2993



49.3381, 0.3222, 0.3099

Sweetspot

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



49.3403, 0.3315, 0.3601



90.5567, 0.3186, 0.3388



39.9273, 0.3356, 0.3291



19.4512, 0.3197, 0.3406



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.



49.3403, 0.3315, 0.3601



89.1096, 0.3352, 0.3663



47.8828, 0.3212, 0.3611



11.1199, 0.3264, 0.3517



31.7458, 0.4191, 0.5054



1.2437, 0.4192, 0.5054

Inverse Universe

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



38.0820, 0.2927, 0.2959



65.1597, 0.2884, 0.2888



39.4164, 0.3033, 0.2969



9.2260, 0.2984, 0.3053



2.4734, 0.1501, 0.0600



0.0971, 0.1503, 0.0601

Previews

White Background



This preview shows how the Yxy color 49.3381, 0.3315, 0.3601 looks on a white background.

Color Contrast Check

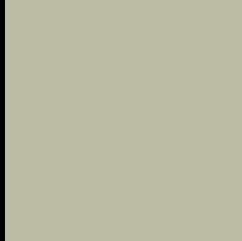
Large Text (above 18pt) WCAG AA × Fail

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 49.3381, 0.3315, 0.3601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

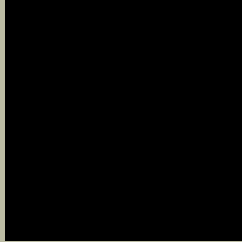
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

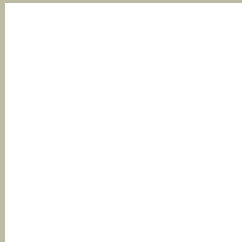
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.3381, 0.3315, 0.3601

Background



This preview shows how black text looks on a background with the Yxy color 49.3381, 0.3315, 0.3601.



This preview shows how white text looks on a background with the Yxy color 49.3381, 0.3315, 0.3601.

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

49.3381, 0.3315, 0.3601

Protanopia

49.3643, 0.3388, 0.3583

Deuteranopia

49.3927, 0.3529, 0.3461



Tritanopia

49.2816, 0.3094, 0.3104

Trichromacy



Original Color

49.3381, 0.3315, 0.3601

Protanomaly

49.3915, 0.3360, 0.3598

Deuteranomaly

49.2801, 0.3449, 0.3515

Tritanomaly

49.3195, 0.3170, 0.3278

Monochromacy



Original Color

49.3381, 0.3315, 0.3601

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.7312, 0.3197, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3381, 0.3315, 0.3601 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, 188, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 188, 164)  
}
```

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, 188, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 188, 164) }
```

Border

The CSS property to change the border of an element to Yxy 49.3381, 0.3315, 0.3601 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, 188, 164) }
```

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

```
.border{ border-color:rgb(188, 188, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 188, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 188, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 188, 164);  
box-shadow:4px 4px 4px 4px rgb(188, 188,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3381, 0.3315, 0.3601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 188, 164) }
```

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

```
.background{ background-color: rgb(188,  
188, 164) }
```

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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