

Converting Colors

$Yxy(47.3285, 0.3281, 0.3659)$

Have a look what the booklet for
Yxy(47.3285, 0.3281, 0.3659)
contains.

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Color

Yxy(47.2047, 0.3280, 0.3651)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B3BA9F |
| RGB | 179, 186, 159 |
| RGB Percent | 70%, 73%, 62% |
| CMY | 0.2980, 0.2706, 0.3764 |
| CMYK | 0.04, 0.00, 0.15, 0.27 |
| HSL | 76°, 16%, 68% |
| HSV | 76°, 15%, 73% |
| XYZ | 42.4079, 47.2047, 39.6799 |
| YIQ | 180.8290, 4.4950, -9.8810 |

Conversions

Conversions Part 2

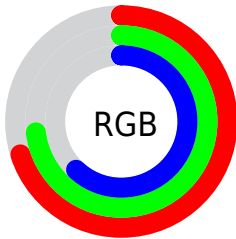
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 159, 186, 166 |
| Decimal | 11778719 |
| CIELab | 74.32, -7.25, 12.87 |
| CIELCh | 74, 14.768, 119.381 |
| Yxy | 47.2047, 0.3280, 0.3651 |
| Android (android.graphics.Color) | 4289968799 (0xFFB3BA9F) |
| YUV | 180.8290, -10.7617, -1.6040 |
| Hunter-Lab | 68.7057, -10.0574, 13.8520 |

Details

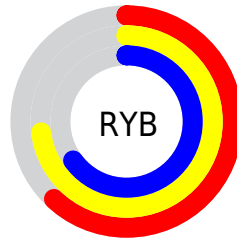
The Yxy color **47.2047, 0.3280, 0.3651** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4521, 0.2960, 0.2917**, and the grayscale version is **46.1699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0215, 0.3253, 0.3580**, and **22.2934, 0.3314, 0.3750** is the 20% darker color. If you saturate the color by 10%, you get **46.0440, 0.3385, 0.3915**, and if you desaturate by 10%, it is **48.4869, 0.3174, 0.3399**.

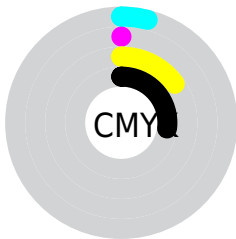
Distribution



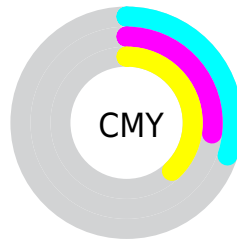
- Red (70%)
- Green (73%)
- Blue (62%)



- Red (62%)
- Yellow (73%)
- Blue (65%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)





- Cyan (30%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2047, 0.3280, 0.3651 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 47.2047, 0.3280, 0.3651 by changing the saturation by 10% instead.

 47.2047, 0.3280,
0.3651

 47.2047, 0.3280,
0.3651


375.6310, 0.3205,
0.3468

 33.1975, 0.3298,
0.3697


 86.0191, 0.3253,
0.3584

 22.2778, 0.3321,
0.3757


 111.5951, 0.3243,
0.3559

 14.0612, 0.3351,
0.3838


141.7961, 0.3234,
0.3538

 8.1632, 0.3391,
0.3951

177.0066, 0.3227,
0.3520

 4.1996, 0.3448,
0.4123

217.6110, 0.3220,
0.3504

 1.7858, 0.3538,
0.4417

263.9936, 0.3215,

 0.4783, 0.3674,

0.3491

0.6326

316.5388, 0.3210,
0.3479

0.0000, 0.0000,
0.0000

47.2047, 0.3280,
0.3651

47.2047, 0.3280,
0.3651

46.0440, 0.3385,
0.3915

48.4869, 0.3174,
0.3399

44.9939, 0.3487,
0.4184

49.8885, 0.3071,
0.3162

44.0518, 0.3579,
0.4449

51.4157, 0.2972,
0.2943

43.2123, 0.3658,
0.4701

53.0723, 0.2879,
0.2743

42.4696, 0.3718,
0.4928

54.8619, 0.2792,
0.2561

■ 41.8174, 0.3755,
0.5120

■ 55.7415, 0.2807,
0.2540

■ 41.2481, 0.3767,
0.5268

■ 56.4512, 0.2842,
0.2547

■ 40.7528, 0.3754,
0.5369

■ 57.1824, 0.2877,
0.2555

■ 40.5024, 0.3741,
0.5411

■ 57.9351, 0.2913,
0.2562

Harmonies

Analogous

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



47.2047, 0.3449, 0.3624



47.2047, 0.3280, 0.3651



47.2047, 0.3074, 0.3573

Triad

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



47.2047, 0.3280, 0.3651



47.2047, 0.2738, 0.3054



47.2047, 0.3369, 0.3170

Complementary

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



47.2047, 0.3280, 0.3651



36.4521, 0.2960, 0.2917

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.



47.2047, 0.3171, 0.3029



47.2047, 0.3280, 0.3651



47.2047, 0.2810, 0.2960

Square

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



47.2047, 0.3280, 0.3651



47.2047, 0.2765, 0.3218



47.2047, 0.2967, 0.2953



47.2047, 0.3503, 0.3343

Rectangle

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



47.2047, 0.3280, 0.3651



47.2047, 0.2944, 0.3471



47.2047, 0.2967, 0.2953



47.2047, 0.3307, 0.3117

Sweetspot

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



47.2068, 0.3280, 0.3651



87.9905, 0.3170, 0.3388



40.1270, 0.3379, 0.3382



19.3364, 0.3177, 0.3407



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.



47.2068, 0.3280, 0.3651



84.9572, 0.3309, 0.3723



45.7035, 0.3166, 0.3664



10.3830, 0.3225, 0.3519



27.2851, 0.3747, 0.5407



0.9899, 0.3868, 0.5311

Inverse Universe

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



36.4521, 0.2960, 0.2917



62.1903, 0.2924, 0.2839



37.9582, 0.3081, 0.2930



8.8291, 0.3023, 0.3057



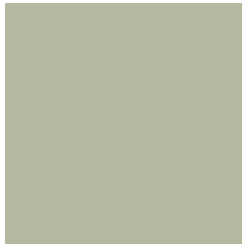
2.8431, 0.1666, 0.0691



0.1310, 0.1952, 0.0849

Previews

White Background



This preview shows how the Yxy color 47.2047, 0.3280, 0.3651 looks on a white background.

Color Contrast Check

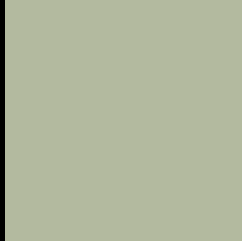
Large Text (above 18pt) WCAG AA × Fail

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 47.2047, 0.3280, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

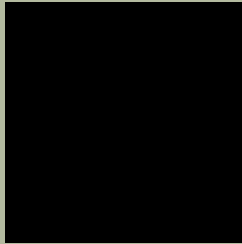
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

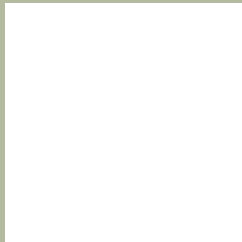
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2047, 0.3280, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 47.2047, 0.3280, 0.3651.



This preview shows how white text looks on a background with the Yxy color 47.2047, 0.3280, 0.3651.

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

47.2047, 0.3280, 0.3651

Protanopia

47.0967, 0.3419, 0.3615

Deuteranopia

47.0338, 0.3546, 0.3477



Tritanopia

47.1782, 0.3043, 0.3112

Trichromacy



Original Color

47.2047, 0.3280, 0.3651

Protanomaly

46.9004, 0.3364, 0.3619

Deuteranomaly

47.0509, 0.3444, 0.3546

Tritanomaly

47.1895, 0.3127, 0.3303

Monochromacy



Original Color

47.2047, 0.3280, 0.3651

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5874, 0.3181, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2047, 0.3280, 0.3651 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(179, 186, 159)` looks like.

```
.text, #text, p{  
    color:rgb(179, 186, 159)  
}
```

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(179, 186, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 186, 159) }
```

Border

The CSS property to change the border of an element to Yxy 47.2047, 0.3280, 0.3651 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(179, 186, 159) }
```

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

```
.border{ border-color:rgb(179, 186, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 186, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 186, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 186, 159);  
box-shadow:4px 4px 4px 4px rgb(179, 186,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2047, 0.3280, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 186, 159) }
```

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

```
.background{ background-color: rgb(179,  
186, 159) }
```

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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