

Converting Colors

$Y_{xy}(47.3231, 0.3282, 0.3573)$

Have a look what the booklet for
Yxy(47.3231, 0.3282, 0.3573)
contains.

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Color

Yxy(47.4095, 0.3284, 0.3581)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B7B9A3 |
| RGB | 183, 185, 163 |
| RGB Percent | 72%, 73%, 64% |
| CMY | 0.2826, 0.2744, 0.3608 |
| CMYK | 0.01, 0.00, 0.12, 0.27 |
| HSL | 66°, 14%, 68% |
| HSV | 66°, 12%, 73% |
| XYZ | 43.4775, 47.4095, 41.5048 |
| YIQ | 181.8940, 5.8700, -7.2660 |

Conversions

Conversions Part 2

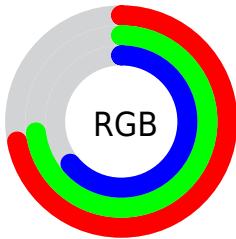
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 163, 185, 165 |
| Decimal | 12040611 |
| CIELab | 74.45, -4.62, 10.94 |
| CIELCh | 74, 11.873, 112.913 |
| Yxy | 47.4095, 0.3284, 0.3581 |
| Android (android.graphics.Color) | 4290230691 (0xFFB7B9A3) |
| YUV | 181.8940, -9.3147, 0.9700 |
| Hunter-Lab | 68.8546, -7.7836, 12.4588 |

Details

The Yxy color **47.4095, 0.3284, 0.3581** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.7016, 0.2960, 0.2985**, and the grayscale version is **46.7642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3233, 0.3256, 0.3526**, and **22.3961, 0.3331, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **46.5836, 0.3418, 0.3834**, and if you desaturate by 10%, it is **48.3393, 0.3152, 0.3336**.

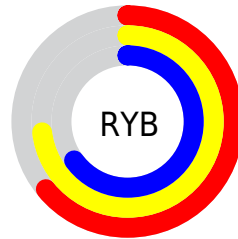
Distribution



Red (72%)

Green (73%)

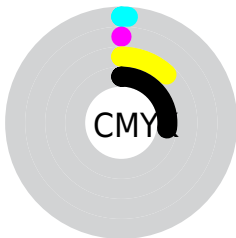
Blue (64%)



Red (64%)

Yellow (73%)

Blue (65%)

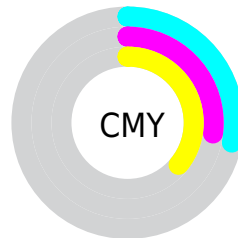


Cyan (1%)

Magenta (0%)

Yellow (12%)

Black (27%)



Cyan (28%)


Magenta (27%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4095, 0.3284, 0.3581 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 47.4095, 0.3284, 0.3581 by changing the saturation by 10% instead.


 47.4095, 0.3284,
0.3581


 47.4095, 0.3284,
0.3581

376.4467, 0.3207,
0.3435

 33.3595, 0.3303,
0.3618


 86.3246, 0.3256,
0.3528

 22.4020, 0.3327,
0.3665


 111.9584, 0.3246,
0.3508

 14.1526, 0.3359,
0.3729


142.2223, 0.3237,
0.3491

 8.2269, 0.3403,
0.3819

177.5007, 0.3229,
0.3476

 4.2405, 0.3466,
0.3953

218.1779, 0.3222,
0.3464

 1.8090, 0.3566,
0.4177

264.6384, 0.3216,

 0.4927, 0.4191,

0.3453

0.5809

317.2665, 0.3211,
0.3443

0.0000, 0.0000,
0.0000

47.4095, 0.3284,
0.3581

47.4095, 0.3284,
0.3581

46.5836, 0.3418,
0.3834

48.3393, 0.3152,
0.3336

45.8510, 0.3550,
0.4088

49.3706, 0.3025,
0.3102

45.2094, 0.3675,
0.4335

50.5094, 0.2904,
0.2884

44.6540, 0.3788,
0.4565

51.7590, 0.2792,
0.2683

44.1792, 0.3883,
0.4768

53.0905, 0.2691,
0.2504

■ 43.7792, 0.3955,
0.4935

■ 53.3192, 0.2704,
0.2507

■ 43.4471, 0.4003,
0.5060

■ 53.5506, 0.2716,
0.2510

■ 43.1747, 0.4025,
0.5141

■ 53.7846, 0.2728,
0.2512

■ 42.9849, 0.4029,
0.5183

■ 54.0215, 0.2740,
0.2515

Harmonies

Analogous

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



47.4095, 0.3407, 0.3544



47.4095, 0.3284, 0.3581



47.4095, 0.3121, 0.3535

Triad

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



47.4095, 0.3284, 0.3581



47.4095, 0.2811, 0.3126



47.4095, 0.3290, 0.3165

Complementary

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



47.4095, 0.3284, 0.3581



37.7016, 0.2960, 0.2985

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.



47.4095, 0.3126, 0.3061



47.4095, 0.3284, 0.3581



47.4095, 0.2853, 0.3035

Square

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



47.4095, 0.3284, 0.3581



47.4095, 0.2851, 0.3267



47.4095, 0.2967, 0.3013



47.4095, 0.3411, 0.3303

Rectangle

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



47.4095, 0.3284, 0.3581



47.4095, 0.3013, 0.3464



47.4095, 0.2967, 0.3013



47.4095, 0.3238, 0.3126

Sweetspot

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



47.4116, 0.3284, 0.3581



86.1783, 0.3180, 0.3388



39.8089, 0.3335, 0.3315



18.5507, 0.3190, 0.3406



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.4116, 0.3284, 0.3581



84.5314, 0.3315, 0.3639



46.1411, 0.3191, 0.3589



10.4592, 0.3250, 0.3517



29.2783, 0.4031, 0.5181



1.0447, 0.4075, 0.5146

Inverse Universe

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



37.7016, 0.2960, 0.2985



64.0846, 0.2924, 0.2920



38.9066, 0.3057, 0.2994



8.7589, 0.2998, 0.3055



2.4839, 0.1537, 0.0620



0.1012, 0.1675, 0.0696

Previews

White Background



This preview shows how the Yxy color 47.4095, 0.3284, 0.3581 looks on a white background.

Color Contrast Check

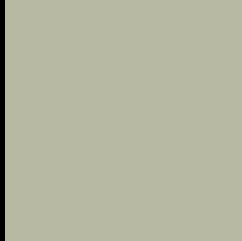
Large Text (above 18pt) WCAG AA × Fail

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 47.4095, 0.3284, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

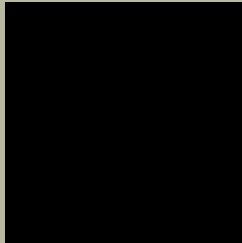
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

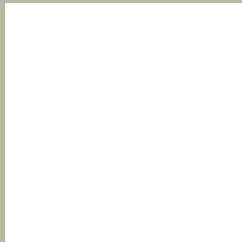
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.4095, 0.3284, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 47.4095, 0.3284, 0.3581.



This preview shows how white text looks on a background with the Yxy color 47.4095, 0.3284, 0.3581.

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

47.4095, 0.3284, 0.3581

Protanopia

47.1409, 0.3369, 0.3550

Deuteranopia

47.0327, 0.3501, 0.3427



Tritanopia

47.1474, 0.3068, 0.3100

Trichromacy



Original Color

47.4095, 0.3284, 0.3581

Protanomaly

47.1670, 0.3340, 0.3565

Deuteranomaly

46.9263, 0.3421, 0.3482

Tritanomaly

47.3139, 0.3153, 0.3277

Monochromacy



Original Color

47.4095, 0.3284, 0.3581

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9072, 0.3182, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4095, 0.3284, 0.3581 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(183, 185, 163)` looks like.

```
.text, #text, p{  
    color:rgb(183, 185, 163)  
}
```

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(183, 185, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 185, 163) }
```

Border

The CSS property to change the border of an element to Yxy 47.4095, 0.3284, 0.3581 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(183, 185, 163) }
```

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

```
.border{ border-color:rgb(183, 185, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 185, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 185, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 185, 163);  
box-shadow:4px 4px 4px 4px rgb(183, 185,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4095, 0.3284, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 185, 163) }
```

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

```
.background{ background-color: rgb(183,  
185, 163) }
```

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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