

Converting Colors

$Yxy(47.8654, 0.3275, 0.3580)$

Have a look what the booklet for
Yxy(47.8654, 0.3275, 0.3580)
contains.

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Color

Yxy(47.8654, 0.3275, 0.3580)

Conversions

Conversions Part 1

Format	Color
Hex	B7BAA4
RGB	183, 186, 164
RGB Percent	72%, 73%, 64%
CMY	0.2824, 0.2706, 0.3569
CMYK	0.02, 0.00, 0.12, 0.27
HSL	68°, 14%, 69%
HSV	68°, 12%, 73%
XYZ	43.7875, 47.8654, 42.0494
YIQ	182.5950, 5.2740, -7.4780

Conversions

Conversions Part 2

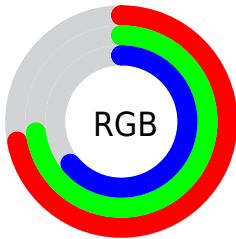
Format	Color
RYB	164, 186, 167
Decimal	12040868
CIELab	74.74, -4.95, 10.80
CIELCh	75, 11.885, 114.638
Yxy	47.8654, 0.3275, 0.3580
Android (android.graphics.Color)	4290230948 (0xFFB7BAA4)
YUV	182.5950, -9.1673, 0.3552
Hunter-Lab	69.1848, -8.0997, 12.3939

Details

The Yxy color $47.8654, 0.3275, 0.3580$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $38.3094, 0.2969, 0.2988$, and the grayscale version is $47.1702, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9695, 0.3248, 0.3526$, and $22.6907, 0.3318, 0.3669$ is the 20% darker color. If you saturate the color by 10%, you get $46.9352, 0.3402, 0.3835$, and if you desaturate by 10%, it is $48.9037, 0.3150, 0.3334$.

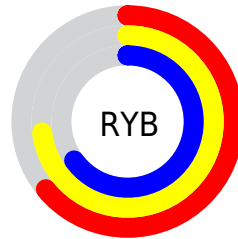
Distribution



Red (72%)

Green (73%)

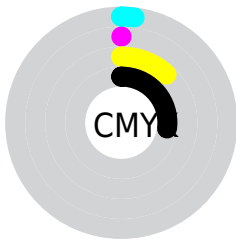
Blue (64%)



Red (64%)

Yellow (73%)

Blue (65%)

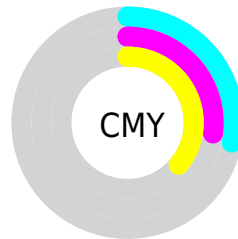


Cyan (2%)

Magenta (0%)

Yellow (12%)

Black (27%)



Cyan (28%)

Magenta (27%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8654, 0.3275, 0.3580 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 47.8654, 0.3275, 0.3580 by changing the saturation by 10% instead.


 47.8654, 0.3275,
0.3580

 47.8654, 0.3275,
0.3580


378.2584, 0.3202,
0.3434

 33.7203, 0.3293,
0.3617


 87.0040, 0.3249,
0.3527

 22.6788, 0.3315,
0.3664


 112.7662, 0.3239,
0.3507

 14.3565, 0.3345,
0.3727


143.1697, 0.3230,
0.3490

 8.3691, 0.3386,
0.3816

178.5987, 0.3223,
0.3476

 4.3320, 0.3445,
0.3949

219.4377, 0.3217,
0.3463

 1.8610, 0.3536,
0.4171

266.0710, 0.3211,

 0.5247, 0.4186,

0.3452

0.5814

318.8831, 0.3207,
0.3443

0.0000, 0.0000,
0.0000

47.8654, 0.3275,
0.3580

47.8654, 0.3275,
0.3580

46.9352, 0.3402,
0.3835

48.9037, 0.3150,
0.3334

46.1026, 0.3526,
0.4093

50.0477, 0.3029,
0.3101

45.3651, 0.3644,
0.4345

51.3036, 0.2914,
0.2884

44.7176, 0.3749,
0.4582

52.6747, 0.2807,
0.2685

44.1547, 0.3837,
0.4793

54.0354, 0.2720,
0.2522

■ 43.6704, 0.3902,
0.4970

■ 54.3782, 0.2738,
0.2525

■ 43.2577, 0.3942,
0.5104

■ 54.7267, 0.2756,
0.2529

■ 42.9083, 0.3957,
0.5194

■ 55.0811, 0.2774,
0.2533

■ 42.6567, 0.3955,
0.5242

■ 55.4413, 0.2792,
0.2537

Harmonies

Analogous

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



47.8654, 0.3401, 0.3548



47.8654, 0.3275, 0.3580



47.8654, 0.3112, 0.3530

Triad

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



47.8654, 0.3275, 0.3580



47.8654, 0.2812, 0.3120



47.8654, 0.3298, 0.3173

Complementary

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



47.8654, 0.3275, 0.3580



38.3094, 0.2969, 0.2988

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.



47.8654, 0.3136, 0.3066



47.8654, 0.3275, 0.3580



47.8654, 0.2858, 0.3033

Square

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



47.8654, 0.3275, 0.3580



47.8654, 0.2847, 0.3258



47.8654, 0.2975, 0.3014



47.8654, 0.3415, 0.3311

Rectangle

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



47.8654, 0.3275, 0.3580



47.8654, 0.3004, 0.3456



47.8654, 0.2975, 0.3014



47.8654, 0.3247, 0.3132

Sweetspot

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



47.8675, 0.3275, 0.3580



88.1992, 0.3177, 0.3388



40.7311, 0.3332, 0.3330



19.3908, 0.3187, 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.



47.8675, 0.3275, 0.3580



86.3351, 0.3305, 0.3641



46.5782, 0.3181, 0.3588



10.4395, 0.3243, 0.3517



28.7202, 0.3958, 0.5239



1.0298, 0.4022, 0.5188

Inverse Universe

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



38.3094, 0.2969, 0.2988



65.8421, 0.2934, 0.2921



39.5513, 0.3067, 0.2996



8.7767, 0.3005, 0.3055



2.5471, 0.1560, 0.0633



0.1088, 0.1749, 0.0737

Previews

White Background



This preview shows how the Yxy color 47.8654, 0.3275, 0.3580 looks on a white background.

Color Contrast Check

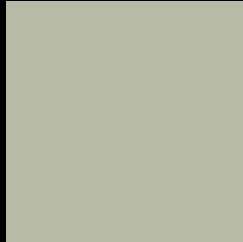
Large Text (above 18pt) WCAG AA × Fail

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 47.8654, 0.3275, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

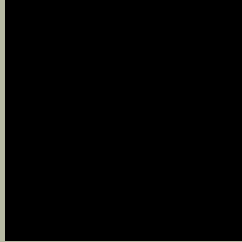
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

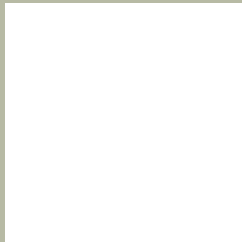
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8654, 0.3275, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 47.8654, 0.3275, 0.3580.



This preview shows how white text looks on a background with the Yxy color 47.8654, 0.3275, 0.3580.

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

47.8654, 0.3275, 0.3580

Protanopia

47.7178, 0.3367, 0.3548

Deuteranopia

47.6074, 0.3499, 0.3427



Tritanopia

47.7246, 0.3069, 0.3101

Trichromacy



Original Color

47.8654, 0.3275, 0.3580

Protanomaly

47.7441, 0.3339, 0.3563

Deuteranomaly

47.5012, 0.3419, 0.3481

Tritanomaly

47.7668, 0.3145, 0.3277

Monochromacy



Original Color

47.8654, 0.3275, 0.3580

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4828, 0.3182, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8654, 0.3275, 0.3580 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, 186, 164)` looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 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(183, 186, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 164) }
```

Border

The CSS property to change the border of an element to Yxy 47.8654, 0.3275, 0.3580 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, 186, 164) }
```

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

```
.border{ border-color:rgb(183, 186, 164) }
```

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

Here you see how a box with a 4 pixel rgb(183, 186, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 186, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 186, 164);  
box-shadow:4px 4px 4px 4px rgb(183, 186,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8654, 0.3275, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 186, 164) }
```

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

```
.background{ background-color: rgb(183,  
186, 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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