

Converting Colors

$Yxy(47.9485, 0.3296, 0.3622)$

Have a look what the booklet for
Yxy(47.9485, 0.3296, 0.3622)
contains.

Yxy(47.7583, 0.3299, 0.3620)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.7583, 0.3299, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	B7BAA1
RGB	183, 186, 161
RGB Percent	72%, 73%, 63%
CMY	0.2823, 0.2706, 0.3686
CMYK	0.02, 0.00, 0.13, 0.27
HSL	67°, 15%, 68%
HSV	67°, 13%, 73%
XYZ	43.5234, 47.7583, 40.6473
YIQ	182.2530, 6.2370, -8.4110

Conversions

Conversions Part 2

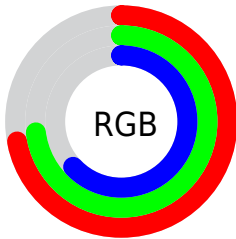
Format	Color
R_{YB}	161, 186, 164
Decimal	12040865
CIE _{Lab}	74.67, -5.44, 12.32
CIE _{LCh}	75, 13.471, 113.821
Yxy	47.7583, 0.3299, 0.3620
Android (android.graphics.Color)	4290230945 (0xFFB7BAA1)
YUV	182.2530, -10.4777, 0.6551
Hunter-Lab	69.1074, -8.5198, 13.5022

Details

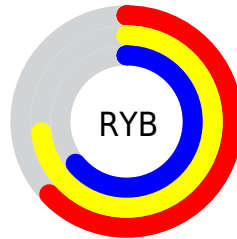
The Yxy color $47.7583, 0.3299, 0.3620$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.9313, 0.2942, 0.2943$, and the grayscale version is $46.9822, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.8129, 0.3267, 0.3557$, and $22.6250, 0.3351, 0.3725$ is the 20% darker color. If you saturate the color by 10%, you get $46.8817, 0.3429, 0.3875$, and if you desaturate by 10%, it is $48.7410, 0.3170, 0.3372$.

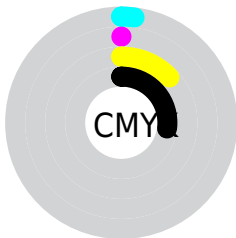
Distribution



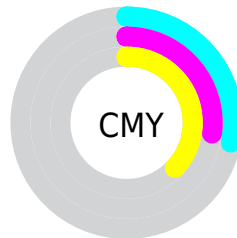
- Red (72%)
- Green (73%)
- Blue (63%)



- Red (63%)
- Yellow (73%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7583, 0.3299, 0.3620 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 47.7583, 0.3299, 0.3620 by changing the saturation by 10% instead.


 47.7583, 0.3299,
0.3620


 47.7583, 0.3299,
0.3620

377.8333, 0.3214,
0.3454

 33.6355, 0.3320,
0.3662


 86.8444, 0.3269,
0.3559

 22.6137, 0.3346,
0.3716


 112.5766, 0.3257,
0.3537

 14.3086, 0.3380,
0.3788


142.9473, 0.3247,
0.3517

 8.3356, 0.3427,
0.3889

178.3410, 0.3239,
0.3501

 4.3104, 0.3494,
0.4041

219.1420, 0.3232,
0.3487

 1.8487, 0.3598,
0.4295

265.7348, 0.3225,

 0.5172, 0.4096,

0.3474

0.5904

318.5038, 0.3219,
0.3464

0.0000, 0.0000,
0.0000

47.7583, 0.3299,
0.3620

47.7583, 0.3299,
0.3620

46.8817, 0.3429,
0.3875

48.7410, 0.3170,
0.3372

46.1006, 0.3555,
0.4131

49.8276, 0.3046,
0.3137

45.4125, 0.3674,
0.4379

51.0241, 0.2928,
0.2917

44.8123, 0.3780,
0.4610

52.3339, 0.2818,
0.2714

44.2946, 0.3868,
0.4813

53.7606, 0.2715,
0.2529

■ 43.8531, 0.3932,
0.4979

■ 54.1207, 0.2725,
0.2522

■ 43.4807, 0.3971,
0.5103

■ 54.4217, 0.2740,
0.2526

■ 43.1690, 0.3985,
0.5182

■ 54.7271, 0.2756,
0.2529

■ 42.9860, 0.3984,
0.5218

■ 55.0370, 0.2772,
0.2532

Harmonies

Analogous

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



47.7583, 0.3441, 0.3580



47.7583, 0.3299, 0.3620



47.7583, 0.3114, 0.3566

Triad

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



47.7583, 0.3299, 0.3620



47.7583, 0.2770, 0.3100



47.7583, 0.3316, 0.3154

Complementary

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



47.7583, 0.3299, 0.3620



36.9313, 0.2942, 0.2943

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.



47.7583, 0.3132, 0.3034



47.7583, 0.3299, 0.3620



47.7583, 0.2820, 0.3000

Square

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



47.7583, 0.3299, 0.3620



47.7583, 0.2812, 0.3257



47.7583, 0.2950, 0.2978



47.7583, 0.3452, 0.3309

Rectangle

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



47.7583, 0.3299, 0.3620



47.7583, 0.2992, 0.3483



47.7583, 0.2950, 0.2978



47.7583, 0.3258, 0.3108

Sweetspot

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



47.7604, 0.3299, 0.3620



88.2282, 0.3178, 0.3388



39.5376, 0.3364, 0.3330



19.3984, 0.3188, 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.



47.7604, 0.3299, 0.3620



86.0994, 0.3336, 0.3692



46.3035, 0.3192, 0.3631



10.4474, 0.3246, 0.3517



28.9412, 0.3987, 0.5216



1.0357, 0.4044, 0.5171

Inverse Universe

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



36.9313, 0.2942, 0.2943



62.7971, 0.2899, 0.2863



38.3183, 0.3054, 0.2955



8.7695, 0.3002, 0.3055



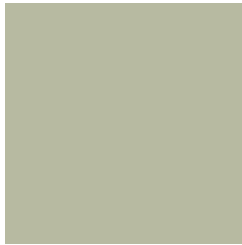
2.5194, 0.1550, 0.0627



0.1057, 0.1719, 0.0721

Previews

White Background



This preview shows how the Yxy color 47.7583, 0.3299, 0.3620 looks on a white background.

Color Contrast Check

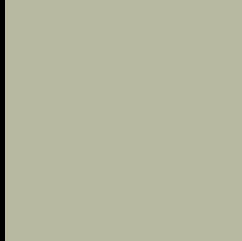
Large Text (above 18pt) WCAG AA × Fail

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 47.7583, 0.3299, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

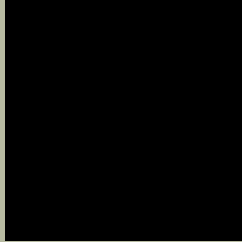
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

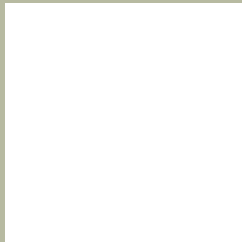
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.7583, 0.3299, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 47.7583, 0.3299, 0.3620.



This preview shows how white text looks on a background with the Yxy color 47.7583, 0.3299, 0.3620.

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

47.7583, 0.3299, 0.3620

Protanopia

47.6115, 0.3392, 0.3588

Deuteranopia

47.6439, 0.3535, 0.3464



Tritanopia

47.6792, 0.3076, 0.3113

Trichromacy



Original Color

47.7583, 0.3299, 0.3620

Protanomaly

47.6379, 0.3364, 0.3603

Deuteranomaly

47.5305, 0.3454, 0.3518

Tritanomaly

47.7250, 0.3153, 0.3290

Monochromacy



Original Color

47.7583, 0.3299, 0.3620

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8680, 0.3190, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7583, 0.3299, 0.3620 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 161) }
```

Border

The CSS property to change the border of an element to Yxy 47.7583, 0.3299, 0.3620 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, 161) }
```

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

```
.border{ border-color:rgb(183, 186, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 186, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 186, 161);  
box-shadow:4px 4px 4px 4px rgb(183, 186,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7583, 0.3299, 0.3620 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, 161) }
```

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

```
.background{ background-color: rgb(183,  
186, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor