

Converting Colors

$Yxy(48.0907, 0.3327, 0.3632)$

Have a look what the booklet for
Yxy(48.0907, 0.3327, 0.3632)
contains.

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Color

Yxy(47.9702, 0.3325, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	B9BAA0
RGB	185, 186, 160
RGB Percent	73%, 73%, 63%
CMY	0.2744, 0.2706, 0.3726
CMYK	0.01, 0.00, 0.14, 0.27
HSL	62°, 16%, 68%
HSV	62°, 14%, 73%
XYZ	43.9155, 47.9702, 40.1909
YIQ	182.7370, 7.7500, -8.2980

Conversions

Conversions Part 2

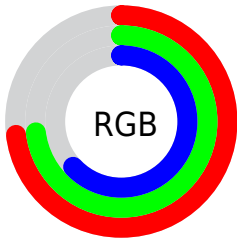
Format	Color
RYB	160, 186, 161
Decimal	12171936
CIELab	74.81, -4.86, 13.10
CIELCh	75, 13.969, 110.377
Yxy	47.9702, 0.3325, 0.3632
Android (android.graphics.Color)	4290362016 (0xFFB9BAA0)
YUV	182.7370, -11.2093, 1.9847
Hunter-Lab	69.2605, -8.0259, 14.0772

Details

The Yxy color $47.9702, 0.3325, 0.3632$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.2497, 0.2915, 0.2925$, and the grayscale version is $47.2641, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.1113, 0.3287, 0.3566$, and $22.7633, 0.3386, 0.3740$ is the 20% darker color. If you saturate the color by 10%, you get $47.2837, 0.3469, 0.3883$, and if you desaturate by 10%, it is $48.7587, 0.3183, 0.3386$.

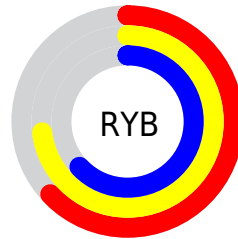
Distribution



Red (73%)

Green (73%)

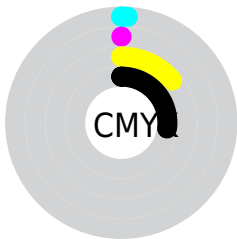
Blue (63%)



Red (63%)

Yellow (73%)

Blue (63%)

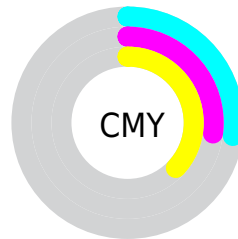


Cyan (1%)

Magenta (0%)

Yellow (14%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9702, 0.3325, 0.3632 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 47.9702, 0.3325, 0.3632 by changing the saturation by 10% instead.

 47.9702, 0.3325,
0.3632


 47.9702, 0.3325,
0.3632


378.6740, 0.3228,
0.3460

 33.8033, 0.3349,
0.3675

 87.1600, 0.3290,
0.3569

 22.7425, 0.3379,
0.3731


 112.9517, 0.3277,
0.3546

 14.4035, 0.3419,
0.3805


143.3872, 0.3265,
0.3526

 8.4018, 0.3473,
0.3909

178.8507, 0.3256,
0.3509

 4.3531, 0.3551,
0.4064

219.7268, 0.3247,
0.3494

 1.8730, 0.3673,
0.4322

266.3998, 0.3240,

 0.5321, 0.4211,

0.3482

0.5789

319.2540, 0.3233,
0.3470

■ 0.0000, 0.0000,
0.0000

■ 47.9702, 0.3325,
0.3632

■ 47.9702, 0.3325,
0.3632

■ 47.2837, 0.3469,
0.3883

■ 48.7587, 0.3183,
0.3386

■ 46.6885, 0.3610,
0.4131

■ 49.6470, 0.3045,
0.3149

■ 46.1823, 0.3744,
0.4368

■ 50.6410, 0.2916,
0.2927

■ 45.7598, 0.3863,
0.4583

■ 51.7442, 0.2794,
0.2720

■ 45.4157, 0.3964,
0.4767

■ 52.9602, 0.2683,
0.2531

■ 45.1436, 0.4042,
0.4914

■ 53.1781, 0.2675,
0.2512

■ 44.9364, 0.4094,
0.5018

■ 53.2668, 0.2680,
0.2513

■ 44.7856, 0.4120,
0.5080

■ 53.3558, 0.2685,
0.2514

■ 44.7114, 0.4129,
0.5104

■ 53.4453, 0.2690,
0.2515

Harmonies

Analogous

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



47.9702, 0.3464, 0.3580



47.9702, 0.3325, 0.3632



47.9702, 0.3136, 0.3587

Triad

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



47.9702, 0.3325, 0.3632



47.9702, 0.2758, 0.3109



47.9702, 0.3303, 0.3132

Complementary

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



47.9702, 0.3325, 0.3632



36.2497, 0.2915, 0.2925

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.



47.9702, 0.3109, 0.3015



47.9702, 0.3325, 0.3632



47.9702, 0.2799, 0.2998

Square

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



47.9702, 0.3325, 0.3632



47.9702, 0.2812, 0.3277



47.9702, 0.2925, 0.2966



47.9702, 0.3451, 0.3290

Rectangle

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



47.9702, 0.3325, 0.3632



47.9702, 0.3008, 0.3507



47.9702, 0.2925, 0.2966



47.9702, 0.3240, 0.3087

Sweetspot

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



47.9723, 0.3325, 0.3632



88.3691, 0.3184, 0.3388



38.4113, 0.3380, 0.3302



19.4352, 0.3194, 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.



47.9723, 0.3325, 0.3632



86.5251, 0.3372, 0.3714



46.4383, 0.3213, 0.3644



10.4859, 0.3258, 0.3516



30.0888, 0.4130, 0.5103



1.0660, 0.4147, 0.5089

Inverse Universe

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



36.2497, 0.2915, 0.2925



60.8706, 0.2859, 0.2830



37.6606, 0.3031, 0.2938



8.7350, 0.2990, 0.3054



2.4224, 0.1514, 0.0608



0.0908, 0.1570, 0.0639

Previews

White Background



This preview shows how the Yxy color 47.9702, 0.3325, 0.3632 looks on a white background.

Color Contrast Check

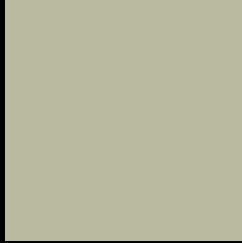
Large Text (above 18pt) WCAG AA × Fail

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 47.9702, 0.3325, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

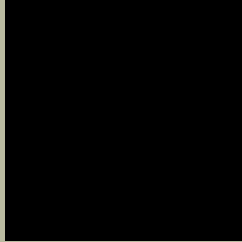
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

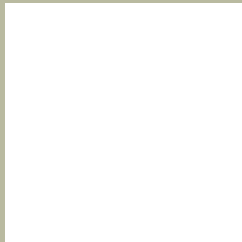
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9702, 0.3325, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 47.9702, 0.3325, 0.3632.



This preview shows how white text looks on a background with the Yxy color 47.9702, 0.3325, 0.3632.

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

47.9702, 0.3325, 0.3632

Protanopia

48.1216, 0.3407, 0.3612

Deuteranopia

47.7546, 0.3553, 0.3476



Tritanopia

47.9350, 0.3093, 0.3114

Trichromacy



Original Color

47.9702, 0.3325, 0.3632

Protanomaly

48.1483, 0.3379, 0.3628

Deuteranomaly

47.6332, 0.3472, 0.3531

Tritanomaly

47.9357, 0.3178, 0.3303

Monochromacy



Original Color

47.9702, 0.3325, 0.3632

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.5665, 0.3198, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9702, 0.3325, 0.3632 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(185, 186, 160)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 160)  
}
```

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(185, 186, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 160) }
```

Border

The CSS property to change the border of an element to Yxy 47.9702, 0.3325, 0.3632 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(185, 186, 160) }
```

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

```
.border{ border-color:rgb(185, 186, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 186, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 186, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 186, 160);  
box-shadow:4px 4px 4px 4px rgb(185, 186,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9702, 0.3325, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 160) }
```

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

```
.background{ background-color: rgb(185,  
186, 160) }
```

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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