

Converting Colors

Yxy(44.7142, 0.3373, 0.3569)

Have a look what the booklet for
Yxy(44.7142, 0.3373, 0.3569)
contains.

Yxy(44.7142, 0.3373, 0.3569)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.7142, 0.3373, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	BAB29D
RGB	186, 178, 157
RGB Percent	73%, 70%, 62%
CMY	0.2706, 0.3020, 0.3842
CMYK	0.00, 0.04, 0.16, 0.27
HSL	43°, 17%, 67%
HSV	43°, 16%, 73%
XYZ	42.2586, 44.7142, 38.3121
YIQ	177.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

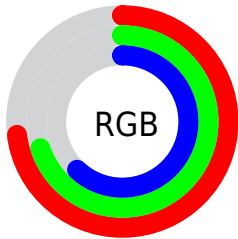
Format	Color
R _{YB}	168, 186, 157
Decimal	12235421
CIE Lab	72.70, -0.72, 11.74
CIE LCh	73, 11.763, 93.527
Yxy	44.7142, 0.3373, 0.3569
Android (android.graphics.Color)	4290425501 (0xFFBAB29D)
YUV	177.9980, -10.3520, 7.0178
Hunter-Lab	66.8687, -4.2146, 12.8381

Details

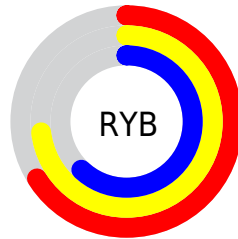
The Yxy color **44.7142, 0.3373, 0.3569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.6375, 0.2883, 0.2995**, and the grayscale version is **44.5731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4763, 0.3323, 0.3517**, and **20.6944, 0.3446, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **42.1216, 0.3548, 0.3756**, and if you desaturate by 10%, it is **47.4841, 0.3211, 0.3388**.

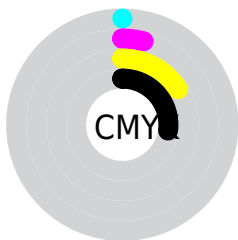
Distribution



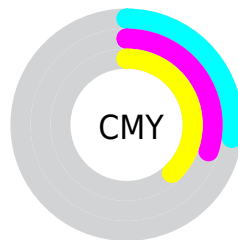
- Red (73%)
- Green (70%)
- Blue (62%)



- Red (66%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (27%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7142, 0.3373, 0.3569 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 44.7142, 0.3373, 0.3569 by changing the saturation by 10% instead.

 44.7142, 0.3373,
0.3569


 44.7142, 0.3373,
0.3569


365.6148, 0.3249,
0.3428

 31.2324, 0.3404,
0.3604


 82.2914, 0.3328,
0.3518

 20.7759, 0.3444,
0.3650

 107.1555, 0.3311,
0.3498

 12.9603, 0.3497,
0.3711


136.5825, 0.3297,
0.3482

 7.4012, 0.3572,
0.3797

170.9568, 0.3285,
0.3468

 3.7142, 0.3683,
0.3925

210.6628, 0.3274,
0.3456

 1.5150, 0.3887,
0.4162

256.0849, 0.3265,

 0.2993, 0.4713,

0.3446

0.5287

307.6074, 0.3257,
0.3437

0.0000, 0.0000,
0.0000

44.7142, 0.3373,
0.3569

44.7142, 0.3373,
0.3569

42.1216, 0.3548,
0.3756

47.4841, 0.3211,
0.3388

39.6952, 0.3733,
0.3943

50.4303, 0.3064,
0.3215

37.4313, 0.3925,
0.4123

53.5593, 0.2930,
0.3053

35.3242, 0.4118,
0.4287

56.8757, 0.2810,
0.2903

33.3672, 0.4304,
0.4425

60.3836, 0.2703,
0.2765

■ 31.5531, 0.4474,
0.4526

■ 63.1780, 0.2680,
0.2773

■ 29.8737, 0.4620,
0.4582

■ 65.7376, 0.2686,
0.2832

■ 28.3190, 0.4736,
0.4589

■ 68.3793, 0.2692,
0.2891

■ 27.6629, 0.4783,
0.4584

■ 71.1037, 0.2698,
0.2950

Harmonies

Analogous

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



44.7142, 0.3451, 0.3485



44.7142, 0.3373, 0.3569



44.7142, 0.3230, 0.3577

Triad

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



44.7142, 0.3373, 0.3569



44.7142, 0.2824, 0.3213



44.7142, 0.3187, 0.3090

Complementary

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



44.7142, 0.3373, 0.3569



37.6375, 0.2883, 0.2995

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.



44.7142, 0.3019, 0.3020



44.7142, 0.3373, 0.3569



44.7142, 0.2813, 0.3085

Square

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



44.7142, 0.3373, 0.3569



44.7142, 0.2914, 0.3367



44.7142, 0.2883, 0.3016



44.7142, 0.3342, 0.3211

Rectangle

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



44.7142, 0.3373, 0.3569



44.7142, 0.3118, 0.3536



44.7142, 0.2883, 0.3016



44.7142, 0.3130, 0.3060

Sweetspot

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



44.7162, 0.3373, 0.3569



86.3192, 0.3204, 0.3379



37.2875, 0.3337, 0.3180



18.9283, 0.3215, 0.3391



95.5105, 0.3127, 0.3290



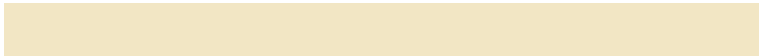
19.5994, 0.3127, 0.3290

Same Dimension

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



44.7162, 0.3373, 0.3569



79.2523, 0.3437, 0.3638



47.2265, 0.3302, 0.3677



10.0725, 0.3270, 0.3455



18.7398, 0.4774, 0.4592



0.7586, 0.4593, 0.4735

Inverse Universe

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



37.6375, 0.2883, 0.2995



63.7617, 0.2820, 0.2916



35.4864, 0.2935, 0.2885



9.1126, 0.2985, 0.3120



4.1107, 0.1601, 0.0964



0.2523, 0.1750, 0.1500

Previews

White Background



This preview shows how the Yxy color 44.7142, 0.3373, 0.3569 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 44.7142, 0.3373, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

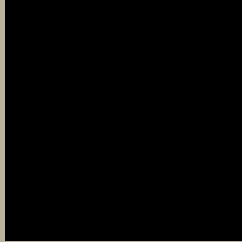
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

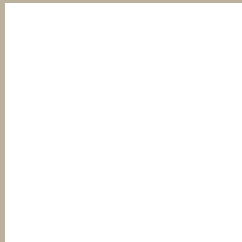
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7142, 0.3373, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 44.7142, 0.3373, 0.3569.



This preview shows how white text looks on a background with the Yxy color 44.7142, 0.3373, 0.3569.

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

44.7142, 0.3373, 0.3569

Protanopia

44.8399, 0.3382, 0.3569

Deuteranopia

44.6702, 0.3537, 0.3468



Tritanopia

44.8071, 0.3161, 0.3124

Trichromacy



Original Color

44.7142, 0.3373, 0.3569

Protanomaly

44.8399, 0.3382, 0.3569

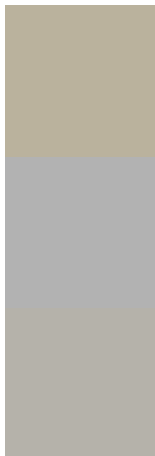
Deuteranomaly

44.6110, 0.3475, 0.3497

Tritanomaly

44.6134, 0.3244, 0.3277

Monochromacy



Original Color

44.7142, 0.3373, 0.3569

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.5668, 0.3219, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7142, 0.3373, 0.3569 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(186, 178, 157)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 157)  
}
```

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(186, 178, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 157) }
```

Border

The CSS property to change the border of an element to Yxy 44.7142, 0.3373, 0.3569 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(186, 178, 157) }
```

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

```
.border{ border-color:rgb(186, 178, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 157);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7142, 0.3373, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 178, 157) }
```

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

```
.background{ background-color: rgb(186,  
178, 157) }
```

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