

Converting Colors

$Yxy(44.1766, 0.3566, 0.3591)$

Have a look what the booklet for
Yxy(44.1766, 0.3566, 0.3591)
contains.

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Color

Yxy(44.2313, 0.3569, 0.3587)

Conversions

Conversions Part 1

Format	Color
Hex	C7AD96
RGB	199, 173, 150
RGB Percent	78%, 68%, 59%
CMY	0.2194, 0.3216, 0.4118
CMYK	0.00, 0.13, 0.25, 0.22
HSL	28°, 30%, 68%
HSV	28°, 25%, 78%
XYZ	44.0093, 44.2313, 35.0694
YIQ	178.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

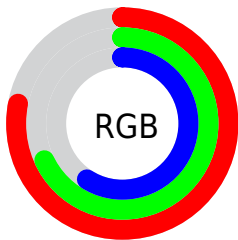
Format	Color
RYB	199, 193, 150
Decimal	13086102
CIELab	72.38, 5.86, 15.29
CIElCh	72, 16.373, 69.042
Yxy	44.2313, 0.3569, 0.3587
Android (android.graphics.Color)	4291276182 (0xFFC7AD96)
YUV	178.1520, -13.8789, 18.2837
Hunter-Lab	66.5066, 1.7320, 15.2906

Details

The Yxy color $44.2313, 0.3569, 0.3587$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $41.6771, 0.2741, 0.2973$, and the grayscale version is $44.6741, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1064, 0.3480, 0.3533$, and $20.5049, 0.3692, 0.3676$ is the 20% darker color. If you saturate the color by 10%, you get $39.7506, 0.3793, 0.3714$, and if you desaturate by 10%, it is $49.1458, 0.3372, 0.3462$.

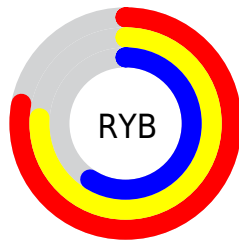
Distribution



Red (78%)

Green (68%)

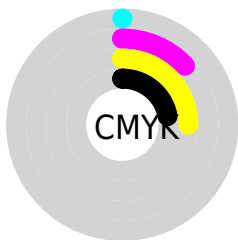
Blue (59%)



Red (78%)

Yellow (76%)

Blue (59%)

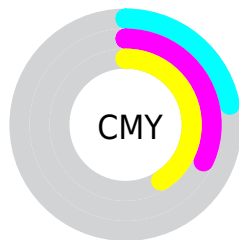


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (32%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2313, 0.3569, 0.3587 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 44.2313, 0.3569, 0.3587 by changing the saturation by 10% instead.


 44.2313, 0.3569,
0.3587


 44.2313, 0.3569,
0.3587


363.6513, 0.3345,
0.3440

 30.8524, 0.3626,
0.3623


 81.5657, 0.3487,
0.3534

 20.4865, 0.3699,
0.3668


 106.2899, 0.3456,
0.3514

 12.7492, 0.3796,
0.3728


135.5648, 0.3431,
0.3497

 7.2560, 0.3933,
0.3808

169.7746, 0.3409,
0.3483

 3.6227, 0.4137,
0.3921

209.3037, 0.3390,
0.3470

 1.4648, 0.4590,
0.4197

254.5366, 0.3373,

 0.2638, 0.5988,

0.3459

0.4012

305.8577, 0.3358,
0.3449

0.0000, 0.0000,
0.0000

44.2313, 0.3569,
0.3587

44.2313, 0.3569,
0.3587

39.7506, 0.3793,
0.3714

49.1458, 0.3372,
0.3462

35.6847, 0.4043,
0.3838

54.5002, 0.3199,
0.3343

32.0221, 0.4315,
0.3949

60.3084, 0.3050,
0.3231

28.7481, 0.4602,
0.4038

66.5814, 0.2920,
0.3127

25.8471, 0.4889,
0.4092

73.3301, 0.2807,
0.3032

■ 23.3019, 0.5160,
0.4098

■ 79.6012, 0.2785,
0.3091

■ 21.0929, 0.5393,
0.4051

■ 85.8845, 0.2794,
0.3205

■ 20.0336, 0.5506,
0.4010

■ 90.8877, 0.2800,
0.3289

Harmonies

Analogous

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



44.2313, 0.3578, 0.3412



44.2313, 0.3569, 0.3587



44.2313, 0.3438, 0.3691

Triad

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



44.2313, 0.3569, 0.3587



44.2313, 0.2801, 0.3356



44.2313, 0.3016, 0.2929

Complementary

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



44.2313, 0.3569, 0.3587



41.6771, 0.2741, 0.2973

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.



44.2313, 0.2817, 0.2904



44.2313, 0.3569, 0.3587



44.2313, 0.2696, 0.3141

Square

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



44.2313, 0.3569, 0.3587



44.2313, 0.2993, 0.3560



44.2313, 0.2702, 0.2978



44.2313, 0.3252, 0.3041

Rectangle

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



44.2313, 0.3569, 0.3587



44.2313, 0.3302, 0.3701



44.2313, 0.2702, 0.2978



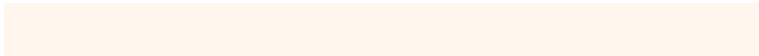
44.2313, 0.2942, 0.2910

Sweetspot

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



44.2333, 0.3569, 0.3587



93.0027, 0.3240, 0.3372



37.0994, 0.3372, 0.2956



19.7813, 0.3250, 0.3379



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.2333, 0.3569, 0.3587



72.7745, 0.3696, 0.3661



54.4666, 0.3500, 0.3880



11.4432, 0.3278, 0.3399



13.0485, 0.5484, 0.4028



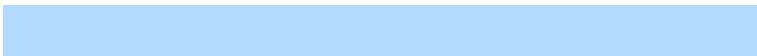
0.7625, 0.5146, 0.4296

Inverse Universe

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



41.6771, 0.2741, 0.2973



67.4757, 0.2648, 0.2887



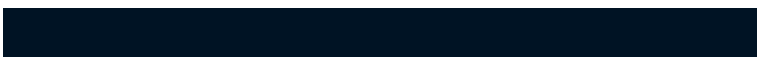
32.9454, 0.2711, 0.2623



11.2045, 0.2983, 0.3179



9.4162, 0.1805, 0.1698



0.5900, 0.1905, 0.2058

Previews

White Background



This preview shows how the Yxy color 44.2313, 0.3569, 0.3587 looks on a white background.

Color Contrast Check

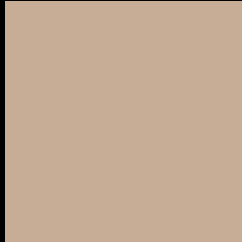
Large Text (above 18pt) WCAG AA × Fail

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 44.2313, 0.3569, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

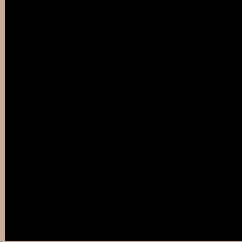
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2313, 0.3569, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 44.2313, 0.3569, 0.3587.



This preview shows how white text looks on a background with the Yxy color 44.2313, 0.3569, 0.3587.

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

44.2313, 0.3569, 0.3587

Protanopia

44.2761, 0.3427, 0.3623

Deuteranopia

44.1652, 0.3622, 0.3558



Tritanopia

44.0792, 0.3328, 0.3117

Trichromacy



Original Color

44.2313, 0.3569, 0.3587

Protanomaly

44.3614, 0.3476, 0.3620

Deuteranomaly

44.2636, 0.3600, 0.3572

Tritanomaly

44.2083, 0.3423, 0.3291

Monochromacy



Original Color

44.2313, 0.3569, 0.3587

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3169, 0.3283, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2313, 0.3569, 0.3587 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(199, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(199, 173, 150)  
}
```

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(199, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 173, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.2313, 0.3569, 0.3587 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(199, 173, 150) }
```

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

```
.border{ border-color:rgb(199, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(199, 173,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2313, 0.3569, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 173, 150) }
```

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

```
.background{ background-color: rgb(199,  
173, 150) }
```

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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