

Converting Colors

$Yxy(44.3288, 0.3383, 0.3345)$

Have a look what the booklet for
Yxy(44.3288, 0.3383, 0.3345)
contains.

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Color

Yxy(44.2025, 0.3391, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	C5ACA8
RGB	197, 172, 168
RGB Percent	77%, 67%, 66%
CMY	0.2274, 0.3255, 0.3412
CMYK	0.00, 0.13, 0.15, 0.23
HSL	8°, 20%, 72%
HSV	8°, 15%, 77%
XYZ	44.8506, 44.2025, 43.2105
YIQ	179.0190, 16.1840, 4.0560

Conversions

Conversions Part 2

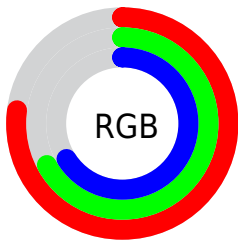
Format	Color
RYB	197, 173, 168
Decimal	12954792
CIELab	72.36, 8.39, 5.38
CIELCh	72, 9.964, 32.662
Yxy	44.2025, 0.3391, 0.3342
Android (android.graphics.Color)	4291144872 (0xFFC5ACA8)
YUV	179.0190, -5.4324, 15.7693
Hunter-Lab	66.4850, 4.0670, 8.0052

Details

The Yxy color **44.2025, 0.3391, 0.3342** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.5066, 0.2904, 0.3237**, and the grayscale version is **45.1150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3367, 0.3344, 0.3331**, and **20.5335, 0.3469, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **37.4673, 0.3620, 0.3380**, and if you desaturate by 10%, it is **51.8794, 0.3204, 0.3306**.

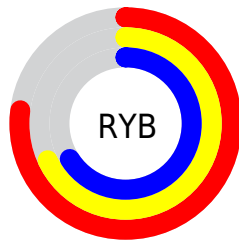
Distribution



Red (77%)

Green (67%)

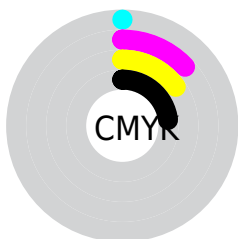
Blue (66%)



Red (77%)

Yellow (68%)

Blue (66%)

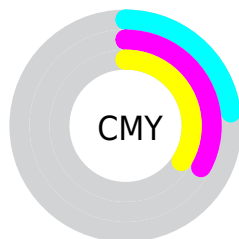


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2025, 0.3391, 0.3342 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 44.2025, 0.3391, 0.3342 by changing the saturation by 10% instead.


 44.2025, 0.3391,
0.3342


 44.2025, 0.3391,
0.3342

363.5340, 0.3257,
0.3317

 30.8297, 0.3425,
0.3348


 81.5224, 0.3342,
0.3333

 20.4692, 0.3469,
0.3355


 106.2383, 0.3324,
0.3330

 12.7366, 0.3529,
0.3365


135.5040, 0.3308,
0.3327

 7.2474, 0.3613,
0.3377

169.7040, 0.3295,
0.3324

 3.6173, 0.3742,
0.3393

209.2225, 0.3284,
0.3322

 1.4619, 0.3962,
0.3416

254.4441, 0.3274,

 0.2617, 0.6341,

0.3320

0.3659

305.7532, 0.3265,
0.3319

0.0000, 0.0000,
0.0000

44.2025, 0.3391,
0.3342

44.2025, 0.3391,
0.3342

37.4673, 0.3620,
0.3380

51.8794, 0.3204,
0.3306

31.6317, 0.3897,
0.3419

60.5261, 0.3050,
0.3273

26.6594, 0.4229,
0.3456

70.1769, 0.2924,
0.3243

22.5092, 0.4615,
0.3486

80.8629, 0.2820,
0.3215

19.1364, 0.5041,
0.3503

90.6137, 0.2789,
0.3289

■ 16.4924, 0.5477,
0.3501

■ 14.5226, 0.5871,
0.3473

■ 13.1647, 0.6166,
0.3421

■ 12.6651, 0.6281,
0.3395

Harmonies

Analogous

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



44.2025, 0.3306, 0.3220



44.2025, 0.3391, 0.3342



44.2025, 0.3403, 0.3454

Triad

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



44.2025, 0.3391, 0.3342



44.2025, 0.3076, 0.3473



44.2025, 0.2917, 0.3058

Complementary

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



44.2025, 0.3391, 0.3342



50.5066, 0.2904, 0.3237

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.



44.2025, 0.2859, 0.3119



44.2025, 0.3391, 0.3342



44.2025, 0.2949, 0.3359

Square

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



44.2025, 0.3391, 0.3342



44.2025, 0.3219, 0.3534



44.2025, 0.2870, 0.3229



44.2025, 0.3031, 0.3058

Rectangle

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



44.2025, 0.3391, 0.3342



44.2025, 0.3368, 0.3508



44.2025, 0.2870, 0.3229



44.2025, 0.2890, 0.3072

Sweetspot

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



44.2045, 0.3391, 0.3342



93.8774, 0.3192, 0.3304



43.7341, 0.3177, 0.2976



19.8541, 0.3205, 0.3306



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.



44.2045, 0.3391, 0.3342



74.6876, 0.3467, 0.3355



49.9790, 0.3364, 0.3522



10.8688, 0.3286, 0.3323



8.4008, 0.6264, 0.3408



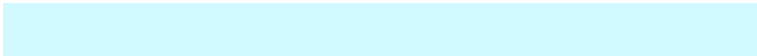
0.4765, 0.5934, 0.3670

Inverse Universe

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



50.5066, 0.2904, 0.3237



88.3387, 0.2852, 0.3224



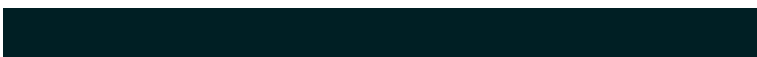
44.4523, 0.2897, 0.3046



11.8085, 0.2984, 0.3257



21.6130, 0.2126, 0.2852



1.0940, 0.2153, 0.2952

Previews

White Background



This preview shows how the Yxy color 44.2025, 0.3391, 0.3342 looks on a white background.

Color Contrast Check

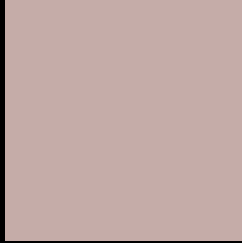
Large Text (above 18pt) WCAG AA × Fail

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 44.2025, 0.3391, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

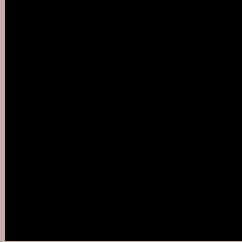
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2025, 0.3391, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 44.2025, 0.3391, 0.3342.



This preview shows how white text looks on a background with the Yxy color 44.2025, 0.3391, 0.3342.

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

44.2025, 0.3391, 0.3342

Protanopia

44.3296, 0.3220, 0.3370

Deuteranopia

44.3380, 0.3400, 0.3342



Tritanopia

44.3105, 0.3280, 0.3127

Trichromacy



Original Color

44.2025, 0.3391, 0.3342

Protanomaly

44.1270, 0.3276, 0.3356

Deuteranomaly

44.3380, 0.3400, 0.3342

Tritanomaly

44.3459, 0.3313, 0.3202

Monochromacy



Original Color

44.2025, 0.3391, 0.3342

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5849, 0.3224, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2025, 0.3391, 0.3342 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(197, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 172, 168)  
}
```

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(197, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 172, 168) }
```

Border

The CSS property to change the border of an element to Yxy 44.2025, 0.3391, 0.3342 is called "border". The border property can be set on classes, ids or directly on the HTML element.

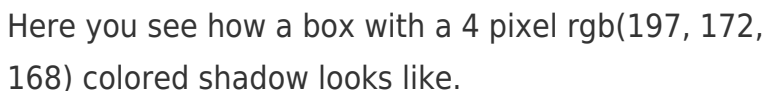
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 172, 168) }
```

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

```
.border{ border-color:rgb(197, 172, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 172, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 172, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 172, 168);  
box-shadow:4px 4px 4px 4px rgb(197, 172,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2025, 0.3391, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 172, 168) }
```

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

```
.background{ background-color: rgb(197,  
172, 168) }
```

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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