

Converting Colors

$Yxy(44.1214, 0.3415, 0.3360)$

Have a look what the booklet for
Yxy(44.1214, 0.3415, 0.3360)
contains.

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Color

Yxy(44.2640, 0.3418, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	C6ACA6
RGB	198, 172, 166
RGB Percent	78%, 67%, 65%
CMY	0.2235, 0.3255, 0.3491
CMYK	0.00, 0.13, 0.16, 0.22
HSL	11°, 22%, 71%
HSV	11°, 16%, 78%
XYZ	44.9211, 44.2640, 42.2401
YIQ	179.0900, 17.4220, 3.6460

Conversions

Conversions Part 2

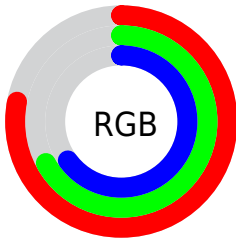
Format	Color
R _Y B	198, 173, 166
Decimal	13020326
CIE Lab	72.40, 8.42, 6.56
CIE LCh	72, 10.668, 37.922
Yxy	44.2640, 0.3418, 0.3368
Android (android.graphics.Color)	4291210406 (0xFFC6ACA6)
YUV	179.0900, -6.4534, 16.5841
Hunter-Lab	66.5312, 4.0916, 8.9292

Details

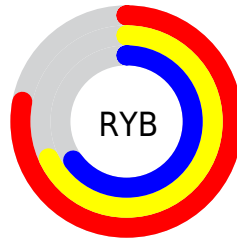
The Yxy color **44.2640, 0.3418, 0.3368** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8633, 0.2882, 0.3211**, and the grayscale version is **45.1578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4186, 0.3365, 0.3351**, and **20.5771, 0.3507, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **37.8431, 0.3648, 0.3420**, and if you desaturate by 10%, it is **51.5403, 0.3228, 0.3319**.

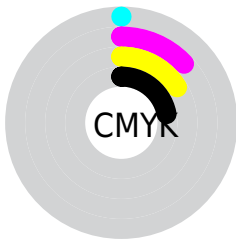
Distribution



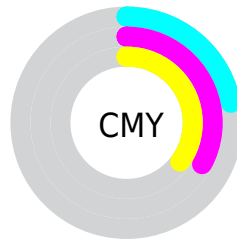
- Red (78%)
- Green (67%)
- Blue (65%)



- Red (78%)
- Yellow (68%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (33%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2640, 0.3418, 0.3368 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 44.2640, 0.3418, 0.3368 by changing the saturation by 10% instead.

 44.2640, 0.3418,
0.3368

 44.2640, 0.3418,
0.3368

363.7845, 0.3270,
0.3330

 30.8781, 0.3456,
0.3377


 81.6149, 0.3364,
0.3355

 20.5060, 0.3504,
0.3388

 106.3486, 0.3344,
0.3349

 12.7634, 0.3570,
0.3403


135.6338, 0.3327,
0.3345

 7.2658, 0.3662,
0.3422

169.8547, 0.3312,
0.3341

 3.6289, 0.3804,
0.3449

209.3959, 0.3300,
0.3338

 1.4682, 0.4046,
0.3487

254.6416, 0.3289,

 0.2662, 0.6327,

0.3335

0.3673

305.9764, 0.3279,
0.3333

0.0000, 0.0000,
0.0000

44.2640, 0.3418,
0.3368

44.2640, 0.3418,
0.3368

37.8431, 0.3648,
0.3420

51.5403, 0.3228,
0.3319

32.2403, 0.3924,
0.3472

59.6957, 0.3071,
0.3273

27.4242, 0.4251,
0.3522

68.7605, 0.2941,
0.3231

23.3592, 0.4626,
0.3562

78.7617, 0.2833,
0.3193

20.0070, 0.5036,
0.3586

89.0661, 0.2792,
0.3261

■ 17.3257, 0.5452,
0.3583

■ 90.7451, 0.2794,
0.3289

■ 15.2689, 0.5828,
0.3548

■ 13.7834, 0.6114,
0.3481

■ 13.3478, 0.6204,
0.3456

Harmonies

Analogous

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



44.2640, 0.3340, 0.3237



44.2640, 0.3418, 0.3368



44.2640, 0.3416, 0.3483

Triad

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



44.2640, 0.3418, 0.3368



44.2640, 0.3046, 0.3468



44.2640, 0.2920, 0.3037

Complementary

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



44.2640, 0.3418, 0.3368



49.8633, 0.2882, 0.3211

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.



44.2640, 0.2846, 0.3091



44.2640, 0.3418, 0.3368



44.2640, 0.2918, 0.3340

Square

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



44.2640, 0.3418, 0.3368



44.2640, 0.3199, 0.3545



44.2640, 0.2845, 0.3201



44.2640, 0.3050, 0.3049

Rectangle

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



44.2640, 0.3418, 0.3368



44.2640, 0.3370, 0.3534



44.2640, 0.2845, 0.3201



44.2640, 0.2888, 0.3048

Sweetspot

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



44.2660, 0.3418, 0.3368



92.7808, 0.3209, 0.3314



43.0798, 0.3196, 0.2964



19.6487, 0.3221, 0.3317



0.0000, 0.0000, 0.0000



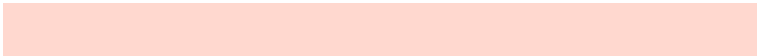
21.4041, 0.3127, 0.3290

Same Dimension

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



44.2660, 0.3418, 0.3368



74.6913, 0.3485, 0.3384



50.6620, 0.3387, 0.3566



10.9550, 0.3285, 0.3334



8.7749, 0.6184, 0.3472



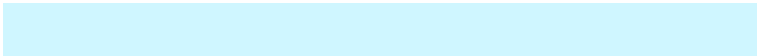
0.5157, 0.5794, 0.3782

Inverse Universe

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



49.8633, 0.2882, 0.3211



86.2528, 0.2836, 0.3194



43.2770, 0.2873, 0.2998



11.7146, 0.2984, 0.3245



19.2748, 0.2078, 0.2681



1.0029, 0.2117, 0.2822

Previews

White Background



This preview shows how the Yxy color 44.2640, 0.3418, 0.3368 looks on a white background.

Color Contrast Check

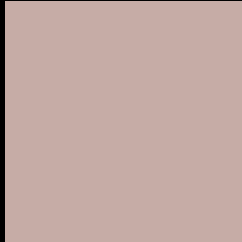
Large Text (above 18pt) WCAG AA × Fail

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 44.2640, 0.3418, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

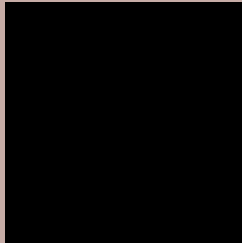
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2640, 0.3418, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 44.2640, 0.3418, 0.3368.



This preview shows how white text looks on a background with the Yxy color 44.2640, 0.3418, 0.3368.

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

44.2640, 0.3418, 0.3368

Protanopia

44.3761, 0.3246, 0.3396

Deuteranopia

44.4003, 0.3427, 0.3367



Tritanopia

44.0742, 0.3290, 0.3115

Trichromacy



Original Color

44.2640, 0.3418, 0.3368

Protanomaly

44.1785, 0.3303, 0.3382

Deuteranomaly

44.4003, 0.3427, 0.3367

Tritanomaly

44.0659, 0.3333, 0.3202

Monochromacy



Original Color

44.2640, 0.3418, 0.3368

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5458, 0.3232, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2640, 0.3418, 0.3368 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(198, 172, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 166)  
}
```

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(198, 172, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 166) }
```

Border

The CSS property to change the border of an element to Yxy 44.2640, 0.3418, 0.3368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

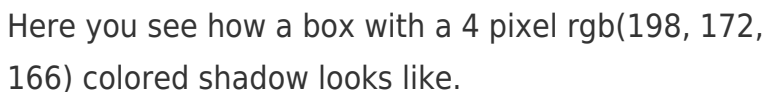
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 172, 166) }
```

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

```
.border{ border-color:rgb(198, 172, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 172, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 172, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 172, 166); box-shadow:4px 4px 4px 4px rgb(198, 172, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2640, 0.3418, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 166) }
```

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

```
.background{ background-color: rgb(198,  
172, 166) }
```

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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