

Converting Colors

$Yxy(44.5795, 0.3495, 0.3392)$

Have a look what the booklet for
Yxy(44.5795, 0.3495, 0.3392)
contains.

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Color

Yxy(44.4667, 0.3494, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	CBABA3
RGB	203, 171, 163
RGB Percent	80%, 67%, 64%
CMY	0.2039, 0.3294, 0.3608
CMYK	0.00, 0.16, 0.20, 0.20
HSL	12°, 28%, 72%
HSV	12°, 20%, 80%
XYZ	45.8038, 44.4667, 40.8223
YIQ	179.6560, 21.6400, 4.2960

Conversions

Conversions Part 2

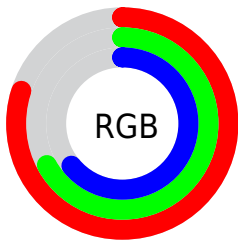
Format	Color
R _Y B	203, 173, 163
Decimal	13347747
CIE Lab	72.54, 10.37, 8.44
CIE LCh	73, 13.370, 39.141
Yxy	44.4667, 0.3494, 0.3392
Android (android.graphics.Color)	4291537827 (0xFFCBABA3)
YUV	179.6560, -8.2114, 20.4727
Hunter-Lab	66.6834, 5.9132, 10.3821

Details

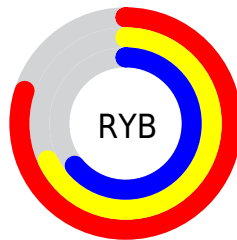
The Yxy color **44.4667, 0.3494, 0.3392** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1345, 0.2829, 0.3186**, and the grayscale version is **45.4855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7147, 0.3387, 0.3371**, and **20.6372, 0.3601, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **38.0344, 0.3739, 0.3448**, and if you desaturate by 10%, it is **51.7740, 0.3291, 0.3339**.

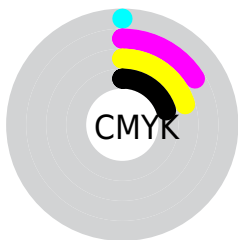
Distribution



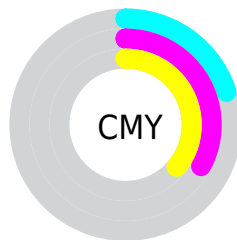
- Red (80%)
- Green (67%)
- Blue (64%)



- Red (80%)
- Yellow (68%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4667, 0.3494, 0.3392 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 44.4667, 0.3494, 0.3392 by changing the saturation by 10% instead.

 44.4667, 0.3494,
0.3392

 44.4667, 0.3494,
0.3392


364.6094, 0.3308,
0.3343

 31.0376, 0.3541,
0.3403


 81.9196, 0.3426,
0.3375

 20.6275, 0.3603,
0.3418


 106.7121, 0.3400,
0.3368

 12.8520, 0.3685,
0.3436


136.0612, 0.3379,
0.3363

 7.3267, 0.3802,
0.3460


170.3513, 0.3360,
0.3358

 3.6672, 0.3979,
0.3491

209.9667, 0.3345,
0.3353

 1.4892, 0.4281,
0.3533

255.2920, 0.3331,

 0.2811, 0.6492,

0.3350

0.3508

306.7114, 0.3319,
0.3346

0.0000, 0.0000,
0.0000

44.4667, 0.3494,
0.3392

44.4667, 0.3494,
0.3392

38.0344, 0.3739,
0.3448

51.7740, 0.3291,
0.3339

32.4381, 0.4031,
0.3503

59.9811, 0.3123,
0.3289

27.6451, 0.4373,
0.3553

69.1197, 0.2983,
0.3243

23.6180, 0.4759,
0.3591

79.2178, 0.2868,
0.3201

20.3163, 0.5172,
0.3608

89.6746, 0.2820,
0.3260

■ 17.6958, 0.5576,
0.3594

■ 91.4373, 0.2822,
0.3289

■ 15.7073, 0.5923,
0.3545

■ 14.2886, 0.6179,
0.3472

■ 14.2540, 0.6186,
0.3470

Harmonies

Analogous

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



44.4667, 0.3399, 0.3229



44.4667, 0.3494, 0.3392



44.4667, 0.3487, 0.3534

Triad

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



44.4667, 0.3494, 0.3392



44.4667, 0.3018, 0.3508



44.4667, 0.2874, 0.2974

Complementary

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



44.4667, 0.3494, 0.3392



51.1345, 0.2829, 0.3186

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.



44.4667, 0.2779, 0.3036



44.4667, 0.3494, 0.3392



44.4667, 0.2860, 0.3344

Square

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



44.4667, 0.3494, 0.3392



44.4667, 0.3208, 0.3609



44.4667, 0.2774, 0.3170



44.4667, 0.3038, 0.2993

Rectangle

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



44.4667, 0.3494, 0.3392



44.4667, 0.3426, 0.3598



44.4667, 0.2774, 0.3170



44.4667, 0.2833, 0.2985

Sweetspot

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



44.4687, 0.3494, 0.3392



91.4900, 0.3226, 0.3320



42.8651, 0.3213, 0.2890



19.3917, 0.3238, 0.3323



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.



44.4687, 0.3494, 0.3392



69.3043, 0.3602, 0.3418



52.3161, 0.3449, 0.3629



11.5708, 0.3285, 0.3337



9.1749, 0.6165, 0.3487



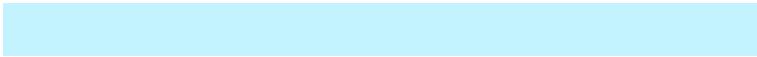
0.5828, 0.5790, 0.3785

Inverse Universe

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



51.1345, 0.2829, 0.3186



82.6250, 0.2761, 0.3158



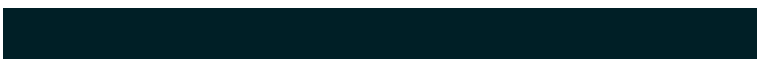
43.0224, 0.2813, 0.2927



12.3312, 0.2983, 0.3243



19.4153, 0.2067, 0.2641



1.1010, 0.2106, 0.2782

Previews

White Background



This preview shows how the Yxy color 44.4667, 0.3494, 0.3392 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 44.4667, 0.3494, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

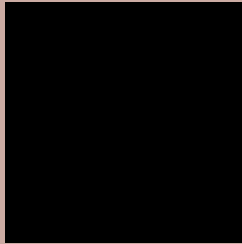
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4667, 0.3494, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 44.4667, 0.3494, 0.3392.



This preview shows how white text looks on a background with the Yxy color 44.4667, 0.3494, 0.3392.

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

44.4667, 0.3494, 0.3392

Protanopia

44.3878, 0.3280, 0.3436

Deuteranopia

44.5669, 0.3473, 0.3405



Tritanopia

44.3206, 0.3356, 0.3130

Trichromacy



Original Color

44.4667, 0.3494, 0.3392

Protanomaly

44.4529, 0.3356, 0.3421

Deuteranomaly

44.7059, 0.3482, 0.3405

Tritanomaly

44.2693, 0.3408, 0.3228

Monochromacy



Original Color

44.4667, 0.3494, 0.3392

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1916, 0.3249, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4667, 0.3494, 0.3392 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(203, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 163)  
}
```

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(203, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 163) }
```

Border

The CSS property to change the border of an element to Yxy 44.4667, 0.3494, 0.3392 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(203, 171, 163) }
```

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

```
.border{ border-color:rgb(203, 171, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 171, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4667, 0.3494, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 163) }
```

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

```
.background{ background-color: rgb(203,  
171, 163) }
```

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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