

Converting Colors

$Yxy(44.4963, 0.3442, 0.3291)$

Have a look what the booklet for
Yxy(44.4963, 0.3442, 0.3291)
contains.

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Color

Yxy(44.4891, 0.3442, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	CCAAAA
RGB	204, 170, 170
RGB Percent	80%, 67%, 67%
CMY	0.2000, 0.3333, 0.3333
CMYK	0.00, 0.17, 0.17, 0.20
HSL	0°, 25%, 73%
HSV	0°, 17%, 80%
XYZ	46.5304, 44.4891, 44.1647
YIQ	180.1660, 20.2640, 7.2080

Conversions

Conversions Part 2

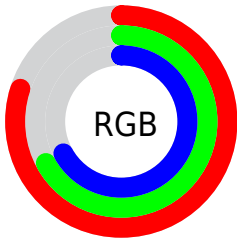
Format	Color
RYB	204, 170, 170
Decimal	13413034
CIELab	72.55, 12.37, 4.63
CIELCh	73, 13.206, 20.533
Yxy	44.4891, 0.3442, 0.3291
Android (android.graphics.Color)	4291603114 (0xFFCCAAAA)
YUV	180.1660, -5.0118, 20.9024
Hunter-Lab	66.7001, 7.7973, 7.4320

Details

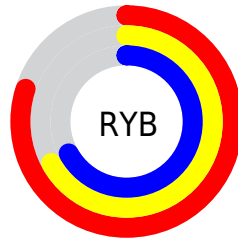
The Yxy color $44.4891, 0.3442, 0.3291$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $56.0833, 0.2878, 0.3289$, and the grayscale version is $45.7555, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5467, 0.3340, 0.3291$, and $20.6544, 0.3528, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $36.7151, 0.3696, 0.3292$, and if you desaturate by 10%, it is $53.5731, 0.3239, 0.3290$.

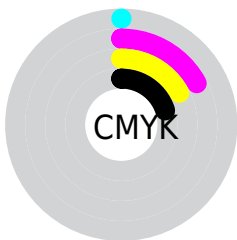
Distribution



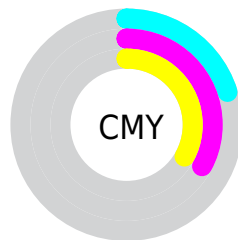
- Red (80%)
- Green (67%)
- Blue (67%)



- Red (80%)
- Yellow (67%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (20%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4891, 0.3442, 0.3291 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 44.4891, 0.3442, 0.3291 by changing the saturation by 10% instead.

 44.4891, 0.3442,
0.3291


 44.4891, 0.3442,
0.3291


364.7004, 0.3282,
0.3292

 31.0552, 0.3483,
0.3290


 81.9532, 0.3383,
0.3292

 20.6409, 0.3535,
0.3289


 106.7522, 0.3362,
0.3292

 12.8618, 0.3606,
0.3286


136.1084, 0.3343,
0.3292

 7.3334, 0.3706,
0.3282

170.4061, 0.3328,
0.3292

 3.6715, 0.3858,
0.3273

210.0298, 0.3314,
0.3292

 1.4915, 0.4118,
0.3251

255.3638, 0.3302,

 0.2828, 0.6687,

0.3292

0.3313

306.7926, 0.3292,
0.3292

0.0000, 0.0000,
0.0000

44.4891, 0.3442,
0.3291

44.4891, 0.3442,
0.3291

36.7151, 0.3696,
0.3292

53.5731, 0.3239,
0.3290

30.1850, 0.4010,
0.3293

64.0171, 0.3077,
0.3290

24.8361, 0.4390,
0.3294

75.8760, 0.2947,
0.3289

20.5979, 0.4832,
0.3295

89.2000, 0.2842,
0.3289

17.3923, 0.5310,
0.3297

91.5762, 0.2827,
0.3289

■ 15.1311, 0.5769,
0.3298

■ 13.7116, 0.6135,
0.3299

■ 12.9999, 0.6348,
0.3300

■ 12.8372, 0.6401,
0.3300

Harmonies

Analogous

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



44.4891, 0.3298, 0.3138



44.4891, 0.3442, 0.3291



44.4891, 0.3499, 0.3449

Triad

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



44.4891, 0.3442, 0.3291



44.4891, 0.3135, 0.3577



44.4891, 0.2809, 0.3006

Complementary

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



44.4891, 0.3442, 0.3291



56.0833, 0.2878, 0.3289

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.



44.4891, 0.2769, 0.3114



44.4891, 0.3442, 0.3291



44.4891, 0.2954, 0.3449

Square

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



44.4891, 0.3442, 0.3291



44.4891, 0.3318, 0.3621



44.4891, 0.2821, 0.3277



44.4891, 0.2932, 0.2975

Rectangle

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



44.4891, 0.3442, 0.3291



44.4891, 0.3479, 0.3537



44.4891, 0.2821, 0.3277



44.4891, 0.2786, 0.3034

Sweetspot

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



44.4911, 0.3442, 0.3291



91.3408, 0.3211, 0.3290



45.9450, 0.3146, 0.2881



19.3003, 0.3223, 0.3290



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.



44.4911, 0.3442, 0.3291



68.8111, 0.3527, 0.3291



51.2775, 0.3408, 0.3500



11.2141, 0.3290, 0.3291



8.0808, 0.6401, 0.3300



0.4170, 0.6400, 0.3300

Inverse Universe

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



56.0833, 0.2878, 0.3289



91.5697, 0.2827, 0.3289



48.4443, 0.2868, 0.3070



12.7266, 0.2984, 0.3290



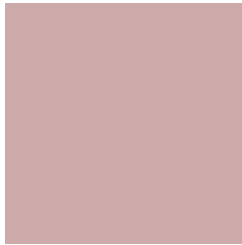
29.9115, 0.2246, 0.3287



1.5432, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 44.4891, 0.3442, 0.3291 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 44.4891, 0.3442, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

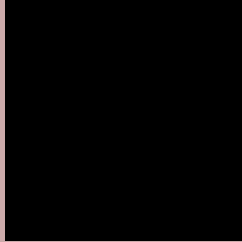
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4891, 0.3442, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 44.4891, 0.3442, 0.3291.



This preview shows how white text looks on a background with the Yxy color 44.4891, 0.3442, 0.3291.

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

44.4891, 0.3442, 0.3291

Protanopia

44.4454, 0.3196, 0.3330

Deuteranopia

44.5494, 0.3392, 0.3316



Tritanopia

44.3206, 0.3356, 0.3130

Trichromacy



Original Color

44.4891, 0.3442, 0.3291

Protanomaly

44.2364, 0.3279, 0.3303

Deuteranomaly

44.4456, 0.3412, 0.3303

Tritanomaly

44.5294, 0.3390, 0.3191

Monochromacy



Original Color

44.4891, 0.3442, 0.3291

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.0041, 0.3242, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4891, 0.3442, 0.3291 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(204, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 170)  
}
```

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(204, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.4891, 0.3442, 0.3291 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(204, 170, 170) }
```

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

```
.border{ border-color:rgb(204, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4891, 0.3442, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 170, 170) }
```

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

```
.background{ background-color: rgb(204,  
170, 170) }
```

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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