

Converting Colors

$Yxy(44.8420, 0.3488, 0.3316)$

Have a look what the booklet for
Yxy(44.8420, 0.3488, 0.3316)
contains.

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Color

Yxy(44.8420, 0.3488, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	CFAAA8
RGB	207, 170, 168
RGB Percent	81%, 67%, 66%
CMY	0.1884, 0.3333, 0.3411
CMYK	0.00, 0.18, 0.19, 0.19
HSL	3°, 29%, 74%
HSV	3°, 19%, 81%
XYZ	47.1679, 44.8420, 43.2192
YIQ	180.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

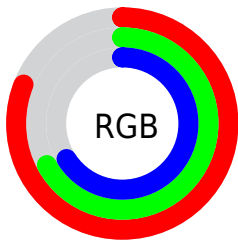
Format	Color
R_{YB}	207, 170, 168
Decimal	13609640
CIE _{Lab}	72.79, 13.15, 6.10
CIE _{LCh}	73, 14.497, 24.877
Yxy	44.8420, 0.3488, 0.3316
Android (android.graphics.Color)	4291799720 (0xFFCF8AA8)
YUV	180.8350, -6.3277, 22.9467
Hunter-Lab	66.9642, 8.5438, 8.6086

Details

The Yxy color **44.8420, 0.3488, 0.3316** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4710, 0.2845, 0.3264**, and the grayscale version is **46.1401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4381, 0.3354, 0.3311**, and **20.8932, 0.3593, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **37.3137, 0.3748, 0.3331**, and if you desaturate by 10%, it is **53.5961, 0.3278, 0.3302**.

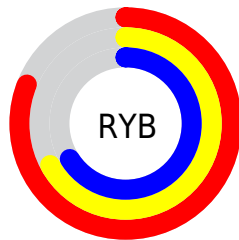
Distribution



Red (81%)

Green (67%)

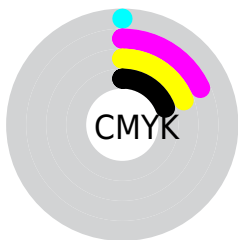
Blue (66%)



Red (81%)

Yellow (67%)

Blue (66%)

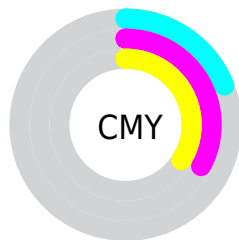


Cyan (0%)

Magenta (18%)

Yellow (19%)

Black (19%)



Cyan (19%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8420, 0.3488, 0.3316 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 44.8420, 0.3488, 0.3316 by changing the saturation by 10% instead.

 44.8420, 0.3488,
0.3316

 44.8420, 0.3488,
0.3316


366.1333, 0.3305,
0.3305

 31.3330, 0.3534,
0.3318


 82.4833, 0.3421,
0.3313

 20.8525, 0.3594,
0.3320


 107.3843, 0.3396,
0.3311

 13.0163, 0.3675,
0.3322


136.8515, 0.3375,
0.3310

 7.4397, 0.3789,
0.3323

171.2692, 0.3357,
0.3309

 3.7386, 0.3963,
0.3322

211.0219, 0.3341,
0.3308

 1.5284, 0.4257,
0.3311

256.4938, 0.3328,

 0.3086, 0.6656,

0.3307

0.3344

308.0695, 0.3316,
0.3306

0.0000, 0.0000,
0.0000

44.8420, 0.3488,
0.3316

44.8420, 0.3488,
0.3316

37.3137, 0.3748,
0.3331

53.5961, 0.3278,
0.3302

30.9506, 0.4066,
0.3346

63.6207, 0.3109,
0.3289

25.6964, 0.4447,
0.3359

74.9659, 0.2973,
0.3276

21.4877, 0.4884,
0.3369

87.6773, 0.2862,
0.3266

18.2545, 0.5350,
0.3371

92.0003, 0.2843,
0.3289

■ 15.9185, 0.5792,
0.3364

■ 14.3890, 0.6142,
0.3346

■ 13.5531, 0.6350,
0.3326

■ 13.4922, 0.6368,
0.3325

Harmonies

Analogous

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



44.8420, 0.3341, 0.3146



44.8420, 0.3488, 0.3316



44.8420, 0.3534, 0.3486

Triad

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



44.8420, 0.3488, 0.3316



44.8420, 0.3105, 0.3590



44.8420, 0.2794, 0.2969

Complementary

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



44.8420, 0.3488, 0.3316



56.4710, 0.2845, 0.3264

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.



44.8420, 0.2736, 0.3075



44.8420, 0.3488, 0.3316



44.8420, 0.2912, 0.3438

Square

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



44.8420, 0.3488, 0.3316



44.8420, 0.3309, 0.3653



44.8420, 0.2779, 0.3247



44.8420, 0.2939, 0.2949

Rectangle

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



44.8420, 0.3488, 0.3316



44.8420, 0.3502, 0.3577



44.8420, 0.2779, 0.3247



44.8420, 0.2764, 0.2996

Sweetspot

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



44.8440, 0.3488, 0.3316



90.1418, 0.3228, 0.3298



45.6778, 0.3165, 0.2849



19.0742, 0.3240, 0.3299



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.



44.8440, 0.3488, 0.3316



66.2805, 0.3597, 0.3323



52.6705, 0.3445, 0.3552



11.9046, 0.3289, 0.3303



8.5462, 0.6359, 0.3333



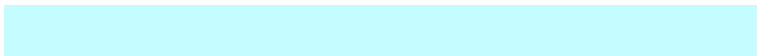
0.5130, 0.6227, 0.3437

Inverse Universe

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



56.4710, 0.2845, 0.3264



88.6087, 0.2783, 0.3257



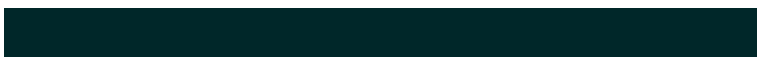
47.7532, 0.2831, 0.3013



13.2982, 0.2983, 0.3277



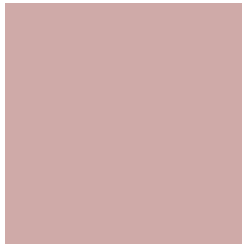
27.8496, 0.2203, 0.3130



1.5899, 0.2211, 0.3161

Previews

White Background



This preview shows how the Yxy color 44.8420, 0.3488, 0.3316 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 44.8420, 0.3488, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

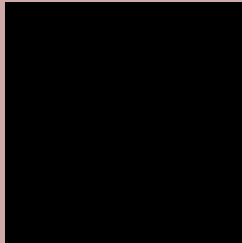
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8420, 0.3488, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 44.8420, 0.3488, 0.3316.



This preview shows how white text looks on a background with the Yxy color 44.8420, 0.3488, 0.3316.

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

44.8420, 0.3488, 0.3316

Protanopia

44.8866, 0.3220, 0.3369

Deuteranopia

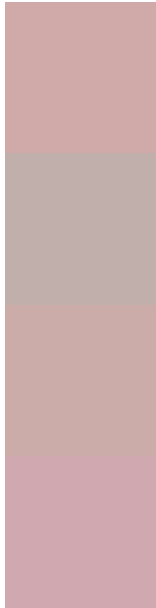
44.9937, 0.3417, 0.3354



Tritanopia

44.8968, 0.3393, 0.3132

Trichromacy



Original Color

44.8420, 0.3488, 0.3316

Protanomaly

44.8067, 0.3313, 0.3342

Deuteranomaly

45.0287, 0.3447, 0.3341

Tritanomaly

44.9204, 0.3427, 0.3205

Monochromacy



Original Color

44.8420, 0.3488, 0.3316

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5260, 0.3250, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8420, 0.3488, 0.3316 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(207, 170, 168)` looks like.

```
.text, #text, p{  
    color:rgb(207, 170, 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(207, 170, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 170, 168) }
```

Border

The CSS property to change the border of an element to Yxy 44.8420, 0.3488, 0.3316 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(207, 170, 168) }
```

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

```
.border{ border-color:rgb(207, 170, 168) }
```

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

Here you see how a box with a 4 pixel rgb(207, 170, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 170, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 170, 168);  
box-shadow:4px 4px 4px 4px rgb(207, 170,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8420, 0.3488, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 170, 168) }
```

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

```
.background{ background-color: rgb(207,  
170, 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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