

Converting Colors

$Yxy(44.5795, 0.3400, 0.3229)$

Have a look what the booklet for
Yxy(44.5795, 0.3400, 0.3229)
contains.

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Color

Yxy(44.6820, 0.3397, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	CCAAAF
RGB	204, 170, 175
RGB Percent	80%, 67%, 69%
CMY	0.1999, 0.3334, 0.3136
CMYK	0.00, 0.17, 0.14, 0.20
HSL	351°, 25%, 73%
HSV	351°, 17%, 80%
XYZ	47.0213, 44.6820, 46.7168
YIQ	180.7360, 18.6590, 8.7630

Conversions

Conversions Part 2

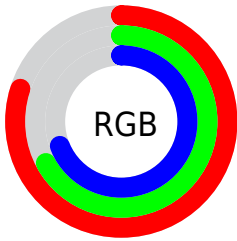
Format	Color
RYB	204, 170, 175
Decimal	13413039
CIELab	72.68, 13.20, 2.05
CIElCh	73, 13.356, 8.846
Yxy	44.6820, 0.3397, 0.3228
Android (android.graphics.Color)	4291603119 (0xFFCCAAAF)
YUV	180.7360, -2.8278, 20.4025
Hunter-Lab	66.8446, 8.5864, 5.3542

Details

The Yxy color **44.6820, 0.3397, 0.3228** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.8658, 0.2910, 0.3353**, and the grayscale version is **46.0693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8236, 0.3306, 0.3241**, and **20.7765, 0.3465, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **36.9795, 0.3612, 0.3188**, and if you desaturate by 10%, it is **53.6635, 0.3224, 0.3266**.

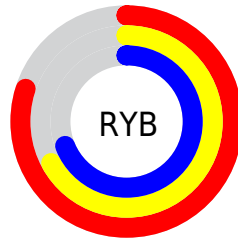
Distribution



Red (80%)

Green (67%)

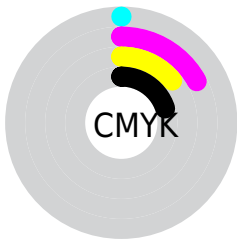
Blue (69%)



Red (80%)

Yellow (67%)

Blue (69%)

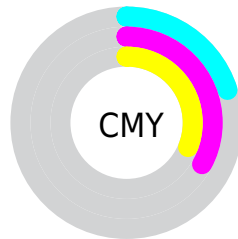


Cyan (0%)

Magenta (17%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6820, 0.3397, 0.3228 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 44.6820, 0.3397, 0.3228 by changing the saturation by 10% instead.


 44.6820, 0.3397,
0.3228

 44.6820, 0.3397,
0.3228

365.4841, 0.3261,
0.3260

 31.2070, 0.3432,
0.3220


 82.2430, 0.3347,
0.3240

 20.7565, 0.3476,
0.3209


107.0978, 0.3328,
0.3244

 12.9462, 0.3536,
0.3194


136.5147, 0.3313,
0.3248

 7.3915, 0.3621,
0.3172

170.8781, 0.3299,
0.3251

 3.7081, 0.3749,
0.3139

210.5723, 0.3288,
0.3254

 1.5117, 0.3968,
0.3080

255.9818, 0.3278,

 0.2969, 0.5591,

0.3256

0.2747

307.4909, 0.3269,
0.3258

0.0000, 0.0000,
0.0000

44.6820, 0.3397,
0.3228

44.6820, 0.3397,
0.3228

36.9795, 0.3612,
0.3188

53.6635, 0.3224,
0.3266

30.4921, 0.3876,
0.3149

63.9722, 0.3084,
0.3301

25.1594, 0.4196,
0.3112

75.6612, 0.2971,
0.3334

20.9134, 0.4572,
0.3084

88.7788, 0.2880,
0.3363

17.6791, 0.4992,
0.3071

91.5808, 0.2827,
0.3289

■ 15.3718, 0.5426,
0.3080

■ 13.8929, 0.5823,
0.3117

■ 13.1149, 0.6129,
0.3177

■ 12.9355, 0.6210,
0.3195

Harmonies

Analogous

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



44.6820, 0.3228, 0.3085



44.6820, 0.3397, 0.3228



44.6820, 0.3493, 0.3390

Triad

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



44.6820, 0.3397, 0.3228



44.6820, 0.3210, 0.3609



44.6820, 0.2779, 0.3038

Complementary

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



44.6820, 0.3397, 0.3228



55.8658, 0.2910, 0.3353

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.



44.6820, 0.2775, 0.3172



44.6820, 0.3397, 0.3228



44.6820, 0.3020, 0.3509

Square

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



44.6820, 0.3397, 0.3228



44.6820, 0.3381, 0.3616



44.6820, 0.2862, 0.3346



44.6820, 0.2873, 0.2975

Rectangle

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



44.6820, 0.3397, 0.3228



44.6820, 0.3500, 0.3490



44.6820, 0.2862, 0.3346



44.6820, 0.2767, 0.3075

Sweetspot

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



44.6840, 0.3397, 0.3228



91.4531, 0.3199, 0.3272



45.2389, 0.3102, 0.2875



19.3274, 0.3210, 0.3269



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.



44.6840, 0.3397, 0.3228



69.1762, 0.3469, 0.3214



49.1596, 0.3418, 0.3438



11.2403, 0.3267, 0.3256



8.1481, 0.6184, 0.3180



0.4292, 0.5712, 0.2920

Inverse Universe

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



44.6840, 0.3397, 0.3228



69.1762, 0.3469, 0.3214



50.6553, 0.2870, 0.3137



11.2403, 0.3267, 0.3256



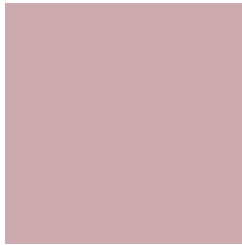
8.1481, 0.6184, 0.3180



0.4292, 0.5712, 0.2920

Previews

White Background



This preview shows how the Yxy color 44.6820, 0.3397, 0.3228 looks on a white background.

Color Contrast Check

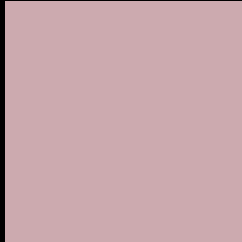
Large Text (above 18pt) WCAG AA × Fail

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 44.6820, 0.3397, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

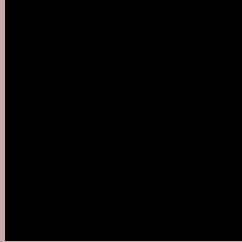
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6820, 0.3397, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 44.6820, 0.3397, 0.3228.



This preview shows how white text looks on a background with the Yxy color 44.6820, 0.3397, 0.3228.

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

44.6820, 0.3397, 0.3228

Protanopia

44.9192, 0.3145, 0.3277

Deuteranopia

44.8526, 0.3327, 0.3265



Tritanopia

44.7325, 0.3345, 0.3130

Trichromacy



Original Color

44.6820, 0.3397, 0.3228

Protanomaly

44.6931, 0.3227, 0.3252

Deuteranomaly

44.8796, 0.3357, 0.3253

Tritanomaly

44.6097, 0.3372, 0.3167

Monochromacy



Original Color

44.6820, 0.3397, 0.3228

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5178, 0.3216, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6820, 0.3397, 0.3228 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.6820, 0.3397, 0.3228 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, 175) }
```

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

```
.border{ border-color:rgb(204, 170, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6820, 0.3397, 0.3228 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, 175) }
```

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

```
.background{ background-color: rgb(204,  
170, 175) }
```

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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