

Converting Colors

$Yxy(44.2137, 0.3370, 0.3311)$

Have a look what the booklet for
Yxy(44.2137, 0.3370, 0.3311)
contains.

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Color

Yxy(44.2776, 0.3373, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	C5ACAA
RGB	197, 172, 170
RGB Percent	77%, 67%, 67%
CMY	0.2274, 0.3255, 0.3333
CMYK	0.00, 0.13, 0.14, 0.23
HSL	4°, 19%, 72%
HSV	4°, 14%, 77%
XYZ	45.0387, 44.2776, 44.2108
YIQ	179.2470, 15.5420, 4.6780

Conversions

Conversions Part 2

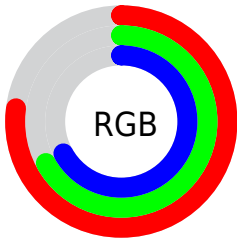
Format	Color
R _Y B	197, 172, 170
Decimal	12954794
CIE Lab	72.41, 8.72, 4.34
CIE LCh	72, 9.736, 26.460
Yxy	44.2776, 0.3373, 0.3316
Android (android.graphics.Color)	4291144874 (0xFFC5ACAA)
YUV	179.2470, -4.5588, 15.5694
Hunter-Lab	66.5414, 4.3706, 7.1861

Details

The Yxy color $44.2776, 0.3373, 0.3316$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $51.6274, 0.2920, 0.3264$, and the grayscale version is $45.2388, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4452, 0.3330, 0.3311$, and $20.5806, 0.3444, 0.3326$ is the 20% darker color. If you saturate the color by 10%, you get $37.1103, 0.3603, 0.3337$, and if you desaturate by 10%, it is $52.5153, 0.3187, 0.3297$.

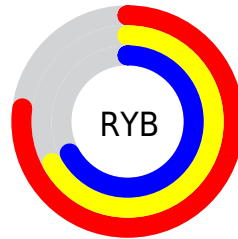
Distribution



Red (77%)

Green (67%)

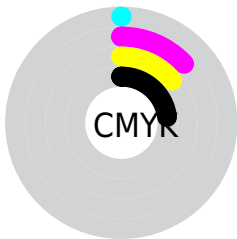
Blue (67%)



Red (77%)

Yellow (67%)

Blue (67%)

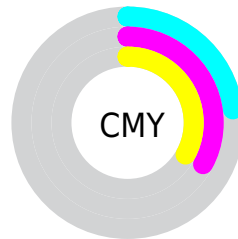


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2776, 0.3373, 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 44.2776, 0.3373, 0.3316 by changing the saturation by 10% instead.


 44.2776, 0.3373,
0.3316

 44.2776, 0.3373,
0.3316


363.8399, 0.3248,
0.3304

 30.8888, 0.3405,
0.3319


 81.6353, 0.3327,
0.3312

 20.5142, 0.3446,
0.3322


106.3730, 0.3310,
0.3310

 12.7694, 0.3501,
0.3326

135.6625, 0.3296,
0.3309

 7.2699, 0.3579,
0.3331

169.8881, 0.3284,
0.3308

 3.6315, 0.3699,
0.3336

209.4342, 0.3273,
0.3307

 1.4696, 0.3904,
0.3342

254.6853, 0.3264,

 0.2672, 0.6359,

0.3306

0.3641

306.0257, 0.3256,
0.3305

0.0000, 0.0000,
0.0000

44.2776, 0.3373,
0.3316

44.2776, 0.3373,
0.3316

37.1103, 0.3603,
0.3337

52.5153, 0.3187,
0.3297

30.9639, 0.3886,
0.3358

61.8587, 0.3036,
0.3279

25.7936, 0.4227,
0.3378

72.3485, 0.2913,
0.3263

21.5493, 0.4628,
0.3394

84.0219, 0.2813,
0.3249

18.1762, 0.5075,
0.3403

90.6127, 0.2789,
0.3289

■ 15.6137, 0.5531,
0.3401

■ 13.7936, 0.5938,
0.3384

■ 12.6364, 0.6230,
0.3355

■ 12.1989, 0.6350,
0.3340

Harmonies

Analogous

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



44.2776, 0.3278, 0.3198



44.2776, 0.3373, 0.3316



44.2776, 0.3400, 0.3430

Triad

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



44.2776, 0.3373, 0.3316



44.2776, 0.3106, 0.3486



44.2776, 0.2905, 0.3071

Complementary

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



44.2776, 0.3373, 0.3316



51.6274, 0.2920, 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.



44.2776, 0.2861, 0.3142



44.2776, 0.3373, 0.3316



44.2776, 0.2976, 0.3383

Square

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



44.2776, 0.3373, 0.3316



44.2776, 0.3244, 0.3532



44.2776, 0.2887, 0.3256



44.2776, 0.3007, 0.3058

Rectangle

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



44.2776, 0.3373, 0.3316



44.2776, 0.3376, 0.3489



44.2776, 0.2887, 0.3256



44.2776, 0.2883, 0.3088

Sweetspot

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



44.2796, 0.3373, 0.3316



93.4772, 0.3193, 0.3297



44.5787, 0.3158, 0.2977



19.7532, 0.3206, 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.



44.2796, 0.3373, 0.3316



75.8497, 0.3427, 0.3321



49.6066, 0.3350, 0.3483



10.7597, 0.3288, 0.3308



8.0698, 0.6339, 0.3349



0.4265, 0.6136, 0.3510

Inverse Universe

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



51.6274, 0.2920, 0.3264



91.1725, 0.2883, 0.3259



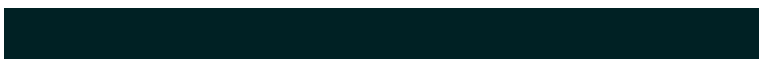
45.9203, 0.2915, 0.3089



11.9293, 0.2984, 0.3272



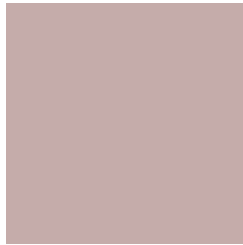
24.8602, 0.2184, 0.3062



1.2178, 0.2198, 0.3113

Previews

White Background



This preview shows how the Yxy color 44.2776, 0.3373, 0.3316 looks on a white background.

Color Contrast Check

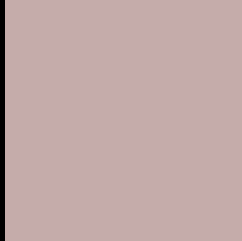
Large Text (above 18pt) WCAG AA × Fail

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 44.2776, 0.3373, 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 44.2776, 0.3373, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 44.2776, 0.3373, 0.3316.



This preview shows how white text looks on a background with the Yxy color 44.2776, 0.3373, 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

44.2776, 0.3373, 0.3316

Protanopia

44.4065, 0.3204, 0.3343

Deuteranopia

44.4131, 0.3382, 0.3316



Tritanopia

44.3105, 0.3280, 0.3127

Trichromacy



Original Color

44.2776, 0.3373, 0.3316

Protanomaly

44.2033, 0.3259, 0.3330

Deuteranomaly

44.4131, 0.3382, 0.3316

Tritanomaly

44.3459, 0.3313, 0.3202

Monochromacy



Original Color

44.2776, 0.3373, 0.3316

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6244, 0.3216, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2776, 0.3373, 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(197, 172, 170)` looks like.

```
.text, #text, p{  
    color:rgb(197, 172, 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(197, 172, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 172, 170) }
```

Border

The CSS property to change the border of an element to Yxy 44.2776, 0.3373, 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(197, 172, 170) }
```

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

```
.border{ border-color:rgb(197, 172, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 172, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 172, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 172, 170);  
box-shadow:4px 4px 4px 4px rgb(197, 172,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2776, 0.3373, 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(197, 172, 170) }
```

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

```
.background{ background-color: rgb(197,  
172, 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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