

Converting Colors

$Yxy(45.4237, 0.3378, 0.3388)$

Have a look what the booklet for
Yxy(45.4237, 0.3378, 0.3388)
contains.

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Color

Yxy(45.2229, 0.3376, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	C4AFA8
RGB	196, 175, 168
RGB Percent	77%, 69%, 66%
CMY	0.2313, 0.3137, 0.3411
CMYK	0.00, 0.11, 0.14, 0.23
HSL	15°, 19%, 71%
HSV	15°, 14%, 77%
XYZ	45.1694, 45.2229, 43.4033
YIQ	180.4810, 14.7630, 2.2750

Conversions

Conversions Part 2

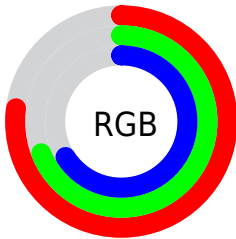
Format	Color
RYB	196, 177, 168
Decimal	12890024
CIELab	73.04, 6.40, 6.32
CIElCh	73, 8.996, 44.652
Yxy	45.2229, 0.3376, 0.3380
Android (android.graphics.Color)	4291080104 (0xFFC4AFA8)
YUV	180.4810, -6.1531, 13.6102
Hunter-Lab	67.2480, 2.2116, 8.8065

Details

The Yxy color $45.2229, 0.3376, 0.3380$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.7321, 0.2909, 0.3198$, and the grayscale version is $45.9448, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.3622, 0.3332, 0.3371$, and $21.1777, 0.3447, 0.3413$ is the 20% darker color. If you saturate the color by 10%, you get $39.1269, 0.3592, 0.3448$, and if you desaturate by 10%, it is $52.0579, 0.3195, 0.3316$.

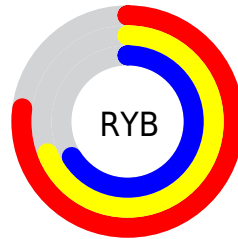
Distribution



Red (77%)

Green (69%)

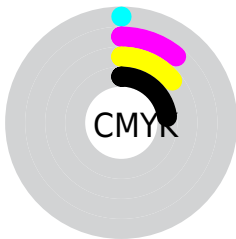
Blue (66%)



Red (77%)

Yellow (69%)

Blue (66%)

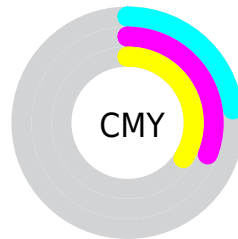


Cyan (0%)

Magenta (11%)

Yellow (14%)

Black (23%)



Cyan (23%)


Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2229, 0.3376, 0.3380 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 45.2229, 0.3376, 0.3380 by changing the saturation by 10% instead.

 45.2229, 0.3376,
0.3380

 45.2229, 0.3376,
0.3380


367.6756, 0.3250,
0.3336

 31.6330, 0.3408,
0.3391

 83.0548, 0.3330,
0.3364

 21.0814, 0.3449,
0.3404


 108.0656, 0.3313,
0.3358

 13.1835, 0.3504,
0.3422

137.6522, 0.3298,
0.3353

 7.5550, 0.3582,
0.3446

172.1990, 0.3286,
0.3349

 3.8116, 0.3700,
0.3481

212.0903, 0.3275,
0.3345

 1.5687, 0.3900,
0.3533

257.7106, 0.3266,

 0.3364, 0.5859,

0.3342

0.4141

309.4442, 0.3258,
0.3339

0.0000, 0.0000,
0.0000

45.2229, 0.3376,
0.3380

45.2229, 0.3376,
0.3380

39.1269, 0.3592,
0.3448

52.0579, 0.3195,
0.3316

33.7389, 0.3849,
0.3517

59.6494, 0.3044,
0.3257

29.0347, 0.4151,
0.3583

68.0221, 0.2918,
0.3202

24.9864, 0.4497,
0.3641

77.1976, 0.2812,
0.3153

21.5640, 0.4876,
0.3681

86.4654, 0.2778,
0.3221

■ 18.7352, 0.5269,
0.3692

■ 90.4794, 0.2784,
0.3289

■ 16.4645, 0.5639,
0.3665

■ 14.7121, 0.5943,
0.3597

■ 13.9202, 0.6086,
0.3550

Harmonies

Analogous

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



45.2229, 0.3325, 0.3270



45.2229, 0.3376, 0.3380



45.2229, 0.3359, 0.3469

Triad

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



45.2229, 0.3376, 0.3380



45.2229, 0.3033, 0.3417



45.2229, 0.2975, 0.3075

Complementary

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



45.2229, 0.3376, 0.3380



48.7321, 0.2909, 0.3198

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.



45.2229, 0.2900, 0.3109



45.2229, 0.3376, 0.3380



45.2229, 0.2933, 0.3306

Square

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



45.2229, 0.3376, 0.3380



45.2229, 0.3159, 0.3493



45.2229, 0.2885, 0.3192



45.2229, 0.3091, 0.3097

Rectangle

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



45.2229, 0.3376, 0.3380



45.2229, 0.3311, 0.3504



45.2229, 0.2885, 0.3192



45.2229, 0.2944, 0.3080

Sweetspot

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



45.2249, 0.3376, 0.3380



94.5699, 0.3192, 0.3315



43.4477, 0.3199, 0.3020



20.0287, 0.3204, 0.3319



0.0000, 0.0000, 0.0000



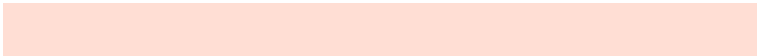
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.2249, 0.3376, 0.3380



78.4745, 0.3436, 0.3400



50.7730, 0.3352, 0.3549



10.4763, 0.3283, 0.3348



9.0584, 0.6062, 0.3569



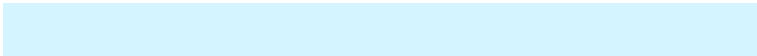
0.5050, 0.5611, 0.3927

Inverse Universe

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



48.7321, 0.2909, 0.3198



85.9905, 0.2864, 0.3177



43.1644, 0.2903, 0.3017



10.9899, 0.2984, 0.3231



16.1504, 0.2020, 0.2472



0.8015, 0.2077, 0.2676

Previews

White Background



This preview shows how the Yxy color 45.2229, 0.3376, 0.3380 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 45.2229, 0.3376, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

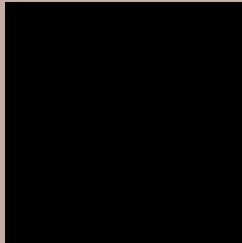
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2229, 0.3376, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 45.2229, 0.3376, 0.3380.



This preview shows how white text looks on a background with the Yxy color 45.2229, 0.3376, 0.3380.

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

45.2229, 0.3376, 0.3380

Protanopia

45.4568, 0.3253, 0.3409

Deuteranopia

45.1318, 0.3426, 0.3354



Tritanopia

45.0560, 0.3243, 0.3115

Trichromacy



Original Color

45.2229, 0.3376, 0.3380

Protanomaly

45.5242, 0.3299, 0.3408

Deuteranomaly

45.2414, 0.3405, 0.3367

Tritanomaly

45.0121, 0.3293, 0.3215

Monochromacy



Original Color

45.2229, 0.3376, 0.3380

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4145, 0.3214, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2229, 0.3376, 0.3380 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(196, 175, 168)` looks like.

```
.text, #text, p{  
    color:rgb(196, 175, 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(196, 175, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 175, 168) }
```

Border

The CSS property to change the border of an element to Yxy 45.2229, 0.3376, 0.3380 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(196, 175, 168) }
```

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

```
.border{ border-color:rgb(196, 175, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 175, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 175, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 175, 168);  
box-shadow:4px 4px 4px 4px rgb(196, 175,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2229, 0.3376, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 175, 168) }
```

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

```
.background{ background-color: rgb(196,  
175, 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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