

Converting Colors

$Yxy(45.3989, 0.3304, 0.3321)$

Have a look what the booklet for
Yxy(45.3989, 0.3304, 0.3321)
contains.

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Color

Yxy(45.4053, 0.3304, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	C1B0AD
RGB	193, 176, 173
RGB Percent	76%, 69%, 68%
CMY	0.2431, 0.3098, 0.3216
CMYK	0.00, 0.09, 0.10, 0.24
HSL	9°, 14%, 72%
HSV	9°, 10%, 76%
XYZ	45.0643, 45.4053, 45.9236
YIQ	180.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

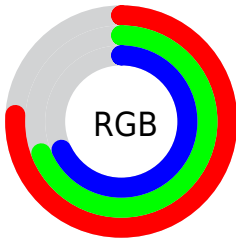
Format	Color
R _Y B	193, 177, 173
Decimal	12693677
CIE Lab	73.16, 5.58, 3.73
CIE LCh	73, 6.715, 33.774
Yxy	45.4053, 0.3304, 0.3329
Android (android.graphics.Color)	4290883757 (0xFFC1B0AD)
YUV	180.7410, -3.8163, 10.7511
Hunter-Lab	67.3835, 1.4552, 6.7607

Details

The Yxy color **45.4053, 0.3304, 0.3329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5726, 0.2969, 0.3251**, and the grayscale version is **46.0800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.6387, 0.3277, 0.3331**, and **21.2847, 0.3347, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **38.6616, 0.3513, 0.3369**, and if you desaturate by 10%, it is **53.0391, 0.3133, 0.3291**.

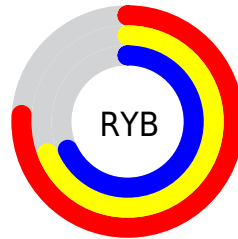
Distribution



Red (76%)

Green (69%)

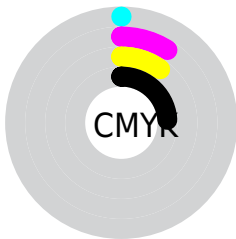
Blue (68%)



Red (76%)

Yellow (69%)

Blue (68%)

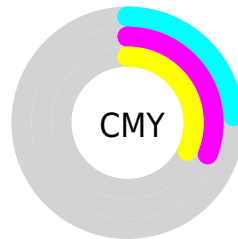


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.4053, 0.3304, 0.3329 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 45.4053, 0.3304, 0.3329 by changing the saturation by 10% instead.


 45.4053, 0.3304,
0.3329

 45.4053, 0.3304,
0.3329

368.4126, 0.3215,
0.3310

 31.7768, 0.3327,
0.3334


 83.3283, 0.3271,
0.3322

 21.1911, 0.3356,
0.3339

108.3915, 0.3259,
0.3320

 13.2637, 0.3395,
0.3347


138.0351, 0.3249,
0.3317

 7.6104, 0.3450,
0.3357

172.6435, 0.3240,
0.3316

 3.8467, 0.3533,
0.3372

212.6011, 0.3233,
0.3314

 1.5882, 0.3675,
0.3394

258.2921, 0.3226,

 0.3496, 0.4996,

0.3313

0.3728

310.1012, 0.3220,
0.3311

0.0000, 0.0000,
0.0000

45.4053, 0.3304,
0.3329

45.4053, 0.3304,
0.3329

38.6616, 0.3513,
0.3369

53.0391, 0.3133,
0.3291

32.7698, 0.3766,
0.3411

61.5875, 0.2992,
0.3257

27.6975, 0.4071,
0.3452

71.0816, 0.2877,
0.3225

23.4085, 0.4429,
0.3489

81.5493, 0.2781,
0.3197

19.8633, 0.4835,
0.3516

90.0803, 0.2768,
0.3289

■ 17.0192, 0.5266,
0.3524

■ 14.8291, 0.5683,
0.3508

■ 13.2400, 0.6028,
0.3464

■ 12.2142, 0.6262,
0.3409

Harmonies

Analogous

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



45.4053, 0.3250, 0.3246



45.4053, 0.3304, 0.3329



45.4053, 0.3310, 0.3403

Triad

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



45.4053, 0.3304, 0.3329



45.4053, 0.3090, 0.3409



45.4053, 0.2989, 0.3134

Complementary

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



45.4053, 0.3304, 0.3329



49.5726, 0.2969, 0.3251

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.



45.4053, 0.2948, 0.3174



45.4053, 0.3304, 0.3329



45.4053, 0.3006, 0.3333

Square

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



45.4053, 0.3304, 0.3329



45.4053, 0.3186, 0.3451



45.4053, 0.2954, 0.3247



45.4053, 0.3067, 0.3135

Rectangle

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



45.4053, 0.3304, 0.3329



45.4053, 0.3286, 0.3438



45.4053, 0.2954, 0.3247



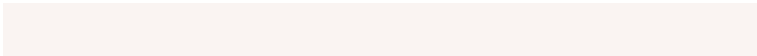
45.4053, 0.2970, 0.3143

Sweetspot

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



45.4073, 0.3304, 0.3329



91.1568, 0.3175, 0.3301



44.9606, 0.3161, 0.3071



19.3131, 0.3189, 0.3304



97.7402, 0.3127, 0.3290



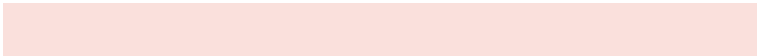
20.4902, 0.3127, 0.3290

Same Dimension

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



45.4073, 0.3304, 0.3329



78.9959, 0.3339, 0.3336



49.3407, 0.3290, 0.3452



10.3159, 0.3285, 0.3325



8.1963, 0.6246, 0.3423



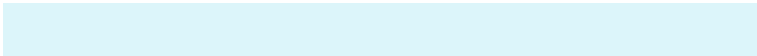
0.4336, 0.5877, 0.3715

Inverse Universe

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



49.5726, 0.2969, 0.3251



87.6509, 0.2942, 0.3243



45.5160, 0.2968, 0.3123



11.1631, 0.2984, 0.3255



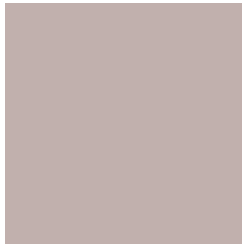
20.3375, 0.2115, 0.2813



0.9500, 0.2147, 0.2930

Previews

White Background



This preview shows how the Yxy color 45.4053, 0.3304, 0.3329 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 45.4053, 0.3304, 0.3329 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 45.4053, 0.3304, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 45.4053, 0.3304, 0.3329.



This preview shows how white text looks on a background with the Yxy color 45.4053, 0.3304, 0.3329.

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

45.4053, 0.3304, 0.3329

Protanopia

45.5257, 0.3203, 0.3343

Deuteranopia

45.4313, 0.3362, 0.3303



Tritanopia

45.4621, 0.3206, 0.3127

Trichromacy



Original Color

45.4053, 0.3304, 0.3329

Protanomaly

45.4616, 0.3239, 0.3342

Deuteranomaly

45.5474, 0.3342, 0.3316

Tritanomaly

45.5067, 0.3238, 0.3201

Monochromacy



Original Color

45.4053, 0.3304, 0.3329

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.7688, 0.3187, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4053, 0.3304, 0.3329 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(193, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(193, 176, 173)  
}
```

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(193, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 176, 173) }
```

Border

The CSS property to change the border of an element to Yxy 45.4053, 0.3304, 0.3329 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(193, 176, 173) }
```

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

```
.border{ border-color:rgb(193, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(193, 176,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4053, 0.3304, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 176, 173) }
```

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

```
.background{ background-color: rgb(193,  
176, 173) }
```

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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