

Converting Colors

$Yxy(45.4428, 0.3217, 0.3332)$

Have a look what the booklet for
Yxy(45.4428, 0.3217, 0.3332)
contains.

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Color

Yxy(45.3750, 0.3222, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2AF
RGB	186, 178, 175
RGB Percent	73%, 70%, 69%
CMY	0.2704, 0.3020, 0.3136
CMYK	0.00, 0.04, 0.06, 0.27
HSL	16°, 7%, 71%
HSV	16°, 6%, 73%
XYZ	43.9166, 45.3750, 47.0106
YIQ	180.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

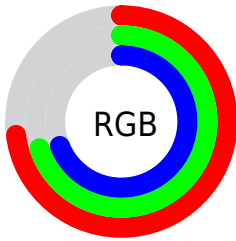
Format	Color
RYB	186, 179, 175
Decimal	12235439
CIELab	73.14, 2.33, 2.52
CIELCh	73, 3.435, 47.310
Yxy	45.3750, 0.3222, 0.3329
Android (android.graphics.Color)	4290425519 (0xFFBAB2AF)
YUV	180.0500, -2.4896, 5.2182
Hunter-Lab	67.3610, -1.5071, 5.7747

Details

The Yxy color $45.3750, 0.3222, 0.3329$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $46.5592, 0.3037, 0.3251$, and the grayscale version is $45.6855, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.4361, 0.3207, 0.3331$, and $21.0838, 0.3247, 0.3326$ is the 20% darker color. If you saturate the color by 10%, you get $39.5529, 0.3406, 0.3399$, and if you desaturate by 10%, it is $51.8376, 0.3067, 0.3264$.

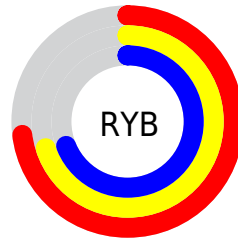
Distribution



Red (73%)

Green (70%)

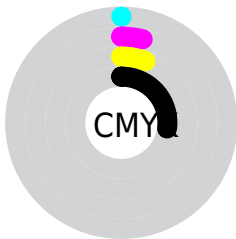
Blue (69%)



Red (73%)

Yellow (70%)

Blue (69%)

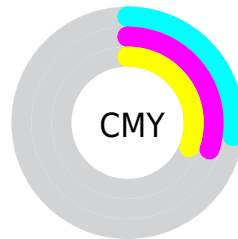


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (27%)



Cyan (27%)


Magenta (30%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3750, 0.3222, 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 45.3750, 0.3222, 0.3329 by changing the saturation by 10% instead.


 45.3750, 0.3222,
0.3329

 45.3750, 0.3222,
0.3329

368.2902, 0.3174,
0.3310

 31.7529, 0.3234,
0.3334


 83.2829, 0.3205,
0.3322

 21.1728, 0.3250,
0.3340


108.3374, 0.3198,
0.3319

 13.2504, 0.3270,
0.3348


137.9716, 0.3193,
0.3317

 7.6012, 0.3300,
0.3360

172.5697, 0.3188,
0.3315

 3.8408, 0.3344,
0.3377

212.5162, 0.3184,
0.3314

 1.5849, 0.3419,
0.3405

258.1956, 0.3180,

 0.3474, 0.4134,

0.3312

0.3711

309.9921, 0.3177,
0.3311

0.0000, 0.0000,
0.0000

45.3750, 0.3222,
0.3329

45.3750, 0.3222,
0.3329

39.5529, 0.3406,
0.3399

51.8376, 0.3067,
0.3264

34.3458, 0.3626,
0.3472

58.9534, 0.2938,
0.3205

29.7349, 0.3885,
0.3546

66.7424, 0.2829,
0.3150

25.6986, 0.4187,
0.3617

75.2219, 0.2736,
0.3101

22.2137, 0.4530,
0.3677

83.5397, 0.2722,
0.3191

■ 19.2555, 0.4903,
0.3718

■ 89.1842, 0.2731,
0.3289

■ 16.7970, 0.5285,
0.3728

■ 14.8090, 0.5640,
0.3697

■ 13.2581, 0.5930,
0.3623

Harmonies

Analogous

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



45.3750, 0.3205, 0.3287



45.3750, 0.3222, 0.3329



45.3750, 0.3213, 0.3361

Triad

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



45.3750, 0.3222, 0.3329



45.3750, 0.3087, 0.3335



45.3750, 0.3073, 0.3207

Complementary

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



45.3750, 0.3222, 0.3329



46.5592, 0.3037, 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.



45.3750, 0.3042, 0.3219



45.3750, 0.3222, 0.3329



45.3750, 0.3050, 0.3293

Square

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



45.3750, 0.3222, 0.3329



45.3750, 0.3136, 0.3365



45.3750, 0.3033, 0.3250



45.3750, 0.3118, 0.3217

Rectangle

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



45.3750, 0.3222, 0.3329



45.3750, 0.3194, 0.3372



45.3750, 0.3033, 0.3250



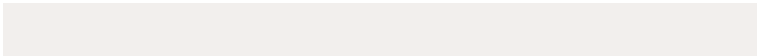
45.3750, 0.3060, 0.3209

Sweetspot

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



45.3770, 0.3222, 0.3329



86.6234, 0.3159, 0.3303



44.5350, 0.3158, 0.3185



19.1023, 0.3157, 0.3303



95.5105, 0.3127, 0.3290



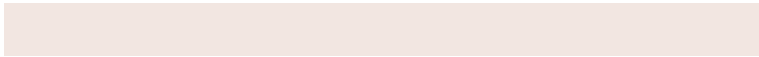
19.5994, 0.3127, 0.3290

Same Dimension

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



45.3770, 0.3222, 0.3329



80.8910, 0.3242, 0.3337



47.6010, 0.3216, 0.3400



9.6376, 0.3248, 0.3339



8.6735, 0.6012, 0.3609



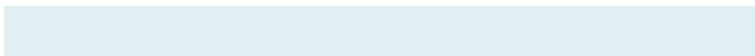
0.4117, 0.5492, 0.4021

Inverse Universe

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



46.5592, 0.3037, 0.3251



83.4432, 0.3019, 0.3242



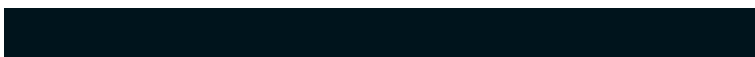
44.3416, 0.3038, 0.3178



9.9573, 0.3014, 0.3240



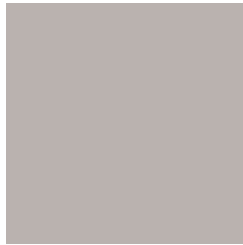
14.3360, 0.2001, 0.2403



0.6019, 0.2072, 0.2658

Previews

White Background



This preview shows how the Yxy color 45.3750, 0.3222, 0.3329 looks on a white background.

Color Contrast Check

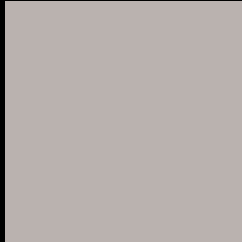
Large Text (above 18pt) WCAG AA × Fail

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 45.3750, 0.3222, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

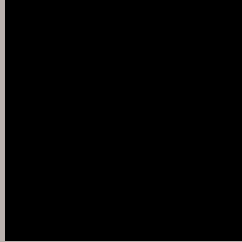
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

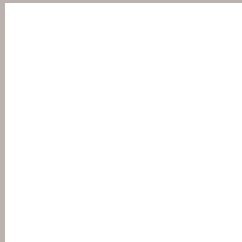
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.3750, 0.3222, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 45.3750, 0.3222, 0.3329.

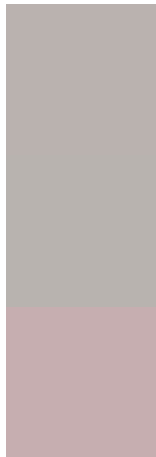


This preview shows how white text looks on a background with the Yxy color 45.3750, 0.3222, 0.3329.

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

45.3750, 0.3222, 0.3329

Protanopia

45.5257, 0.3203, 0.3343

Deuteranopia

45.4125, 0.3326, 0.3265



Tritanopia

45.4597, 0.3118, 0.3111

Trichromacy



Original Color

45.3750, 0.3222, 0.3329

Protanomaly

45.6496, 0.3212, 0.3343

Deuteranomaly

45.2639, 0.3289, 0.3278

Tritanomaly

45.5119, 0.3149, 0.3187

Monochromacy



Original Color

45.3750, 0.3222, 0.3329

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3996, 0.3161, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3750, 0.3222, 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(186, 178, 175)` looks like.

```
.text, #text, p{  
    color:rgb(186, 178, 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(186, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 175) }
```

Border

The CSS property to change the border of an element to Yxy 45.3750, 0.3222, 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(186, 178, 175) }
```

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

```
.border{ border-color:rgb(186, 178, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 175);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3750, 0.3222, 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(186, 178, 175) }
```

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

```
.background{ background-color: rgb(186,  
178, 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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