

Converting Colors

$Y_{xy}(45.1831, 0.3244, 0.3375)$

Have a look what the booklet for
Yxy(45.1831, 0.3244, 0.3375)
contains.

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Color

Yxy(45.1336, 0.3238, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	B9B2AC
RGB	185, 178, 172
RGB Percent	73%, 70%, 67%
CMY	0.2744, 0.3020, 0.3255
CMYK	0.00, 0.04, 0.07, 0.27
HSL	28°, 9%, 70%
HSV	28°, 7%, 73%
XYZ	43.3786, 45.1336, 45.4551
YIQ	179.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

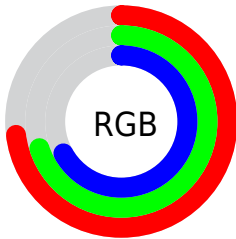
Format	Color
RYB	185, 183, 172
Decimal	12169900
CIELab	72.98, 1.43, 3.94
CIELCh	73, 4.188, 70.084
Yxy	45.1336, 0.3238, 0.3369
Android (android.graphics.Color)	4290359980 (0xFFB9B2AC)
YUV	179.4090, -3.6526, 4.9033
Hunter-Lab	67.1815, -2.3116, 6.9114

Details

The Yxy color **45.1336, 0.3238, 0.3369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.5265, 0.3020, 0.3210**, and the grayscale version is **45.3289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0925, 0.3219, 0.3362**, and **20.9288, 0.3269, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **40.6437, 0.3416, 0.3487**, and if you desaturate by 10%, it is **50.0157, 0.3084, 0.3258**.

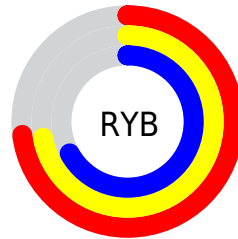
Distribution



Red (73%)

Green (70%)

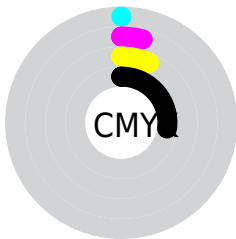
Blue (67%)



Red (73%)

Yellow (72%)

Blue (67%)

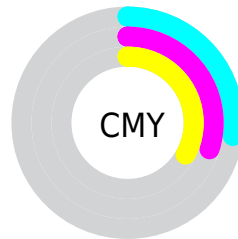


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1336, 0.3238, 0.3369 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 45.1336, 0.3238, 0.3369 by changing the saturation by 10% instead.

■ 45.1336, 0.3238,
0.3369

■ 45.1336, 0.3238,
0.3369

367.3144, 0.3182,
0.3330

■ 31.5627, 0.3252,
0.3379

■ 82.9209, 0.3218,
0.3355

■ 21.0277, 0.3270,
0.3392

107.9060, 0.3210,
0.3349

■ 13.1442, 0.3295,
0.3409

137.4646, 0.3204,
0.3345

■ 7.5279, 0.3329,
0.3432

171.9812, 0.3198,
0.3341

■ 3.7944, 0.3381,
0.3468

211.8400, 0.3193,
0.3337

■ 1.5592, 0.3469,
0.3528

257.4256, 0.3189,

■ 0.3299, 0.4571,

0.3334

0.4328

309.1222, 0.3185,
0.3332

0.0000, 0.0000,
0.0000

45.1336, 0.3238,
0.3369

45.1336, 0.3238,
0.3369

40.6437, 0.3416,
0.3487

50.0157, 0.3084,
0.3258

36.5298, 0.3619,
0.3610

55.2937, 0.2950,
0.3155

32.7833, 0.3849,
0.3734

60.9791, 0.2834,
0.3060

29.3930, 0.4105,
0.3853

67.0809, 0.2734,
0.2972

26.3469, 0.4383,
0.3959

72.9798, 0.2696,
0.2991

■ 23.6323, 0.4673,
0.4039

■ 78.6304, 0.2707,
0.3103

■ 21.2355, 0.4962,
0.4082

■ 84.6034, 0.2719,
0.3212

■ 19.1413, 0.5229,
0.4076

■ 89.0574, 0.2726,
0.3289

■ 17.3313, 0.5458,
0.4018

Harmonies

Analogous

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



45.1336, 0.3241, 0.3326



45.1336, 0.3238, 0.3369



45.1336, 0.3205, 0.3392

Triad

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



45.1336, 0.3238, 0.3369



45.1336, 0.3042, 0.3306



45.1336, 0.3102, 0.3196

Complementary

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



45.1336, 0.3238, 0.3369



44.5265, 0.3020, 0.3210

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.



45.1336, 0.3049, 0.3190



45.1336, 0.3238, 0.3369



45.1336, 0.3015, 0.3253

Square

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



45.1336, 0.3238, 0.3369



45.1336, 0.3092, 0.3355



45.1336, 0.3018, 0.3211



45.1336, 0.3162, 0.3226

Rectangle

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



45.1336, 0.3238, 0.3369



45.1336, 0.3171, 0.3392



45.1336, 0.3018, 0.3211



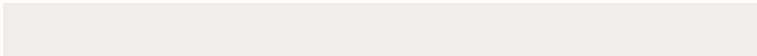
45.1336, 0.3083, 0.3191

Sweetspot

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



45.1356, 0.3238, 0.3369



85.0994, 0.3158, 0.3312



43.0843, 0.3184, 0.3196



18.3657, 0.3156, 0.3311



93.3107, 0.3127, 0.3290



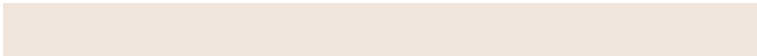
18.7317, 0.3127, 0.3290

Same Dimension

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



45.1356, 0.3238, 0.3369



79.9016, 0.3256, 0.3382



47.7324, 0.3231, 0.3451



9.6752, 0.3277, 0.3396



11.6077, 0.5502, 0.4013



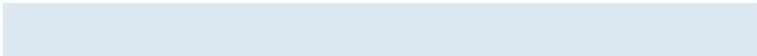
0.5332, 0.5081, 0.4348

Inverse Universe

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



44.5265, 0.3020, 0.3210



78.6511, 0.3003, 0.3197



42.0287, 0.3021, 0.3123



9.5006, 0.2985, 0.3182



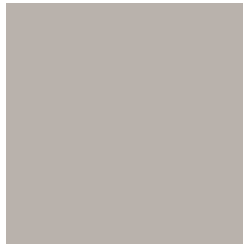
8.7163, 0.1815, 0.1733



0.4296, 0.1937, 0.2173

Previews

White Background



This preview shows how the Yxy color 45.1336, 0.3238, 0.3369 looks on a white background.

Color Contrast Check

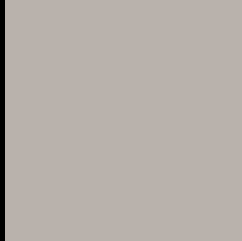
Large Text (above 18pt) WCAG AA × Fail

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 45.1336, 0.3238, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

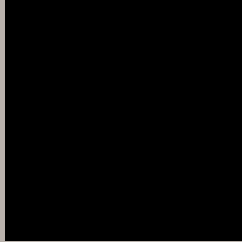
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

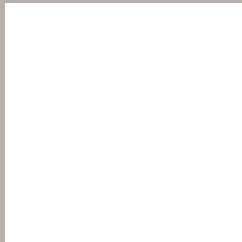
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.1336, 0.3238, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 45.1336, 0.3238, 0.3369.

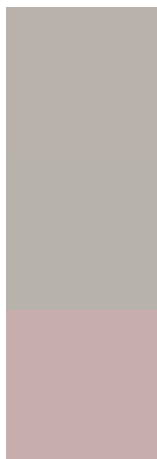


This preview shows how white text looks on a background with the Yxy color 45.1336, 0.3238, 0.3369.

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

45.1336, 0.3238, 0.3369

Protanopia

45.0097, 0.3229, 0.3369

Deuteranopia

45.0464, 0.3363, 0.3291



Tritanopia

45.0254, 0.3127, 0.3111

Trichromacy



Original Color

45.1336, 0.3238, 0.3369

Protanomaly

45.0097, 0.3229, 0.3369

Deuteranomaly

45.1464, 0.3314, 0.3316

Tritanomaly

45.0344, 0.3166, 0.3200

Monochromacy



Original Color

45.1336, 0.3238, 0.3369

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.1985, 0.3169, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1336, 0.3238, 0.3369 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(185, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(185, 178, 172)  
}
```

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(185, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 178, 172) }
```

Border

The CSS property to change the border of an element to Yxy 45.1336, 0.3238, 0.3369 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(185, 178, 172) }
```

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

```
.border{ border-color:rgb(185, 178, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 178, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(185, 178,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1336, 0.3238, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 178, 172) }
```

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

```
.background{ background-color: rgb(185,  
178, 172) }
```

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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