

Converting Colors

$Y_{xy}(45.3510, 0.3245, 0.3375)$

Have a look what the booklet for
Yxy(45.3510, 0.3245, 0.3375)
contains.

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Color

Yxy(45.2585, 0.3247, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	BAB2AC
RGB	186, 178, 172
RGB Percent	73%, 70%, 67%
CMY	0.2705, 0.3020, 0.3255
CMYK	0.00, 0.04, 0.08, 0.27
HSL	26°, 9%, 70%
HSV	26°, 8%, 73%
XYZ	43.6196, 45.2585, 45.4600
YIQ	179.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

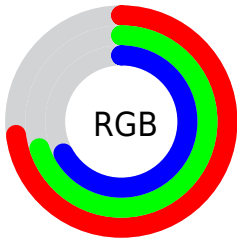
Format	Color
R _Y B	186, 183, 172
Decimal	12235436
CIE Lab	73.06, 1.78, 4.07
CIE LCh	73, 4.447, 66.342
Yxy	45.2585, 0.3247, 0.3369
Android (android.graphics.Color)	4290425516 (0xFFBAB2AC)
YUV	179.7080, -3.8000, 5.5181
Hunter-Lab	67.2744, -1.9940, 7.0275

Details

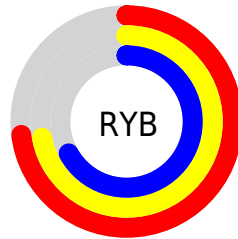
The Yxy color **45.2585, 0.3247, 0.3369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.9633, 0.3012, 0.3210**, and the grayscale version is **45.4973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2689, 0.3226, 0.3362**, and **21.0098, 0.3282, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **40.5253, 0.3428, 0.3479**, and if you desaturate by 10%, it is **50.4239, 0.3091, 0.3265**.

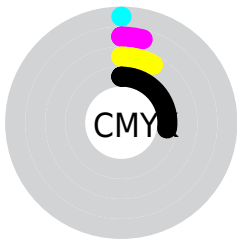
Distribution



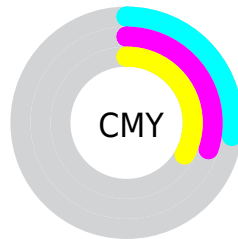
- Red (73%)
- Green (70%)
- Blue (67%)



- Red (73%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (27%)



- Cyan (27%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2585, 0.3247, 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 45.2585, 0.3247, 0.3369 by changing the saturation by 10% instead.

■ 45.2585, 0.3247,
0.3369

■ 45.2585, 0.3247,
0.3369

367.8195, 0.3187,
0.3330

■ 31.6611, 0.3262,
0.3379

■ 83.1082, 0.3225,
0.3355

■ 21.1028, 0.3282,
0.3392

108.1292, 0.3217,
0.3349

■ 13.1991, 0.3308,
0.3408

137.7270, 0.3210,
0.3345

■ 7.5658, 0.3345,
0.3432

172.2858, 0.3204,
0.3341

■ 3.8184, 0.3402,
0.3467

212.1900, 0.3199,
0.3337

■ 1.5725, 0.3497,
0.3526

257.8241, 0.3194,

■ 0.3390, 0.4636,

0.3335

0.4296

309.5725, 0.3190,
0.3332

0.0000, 0.0000,
0.0000

45.2585, 0.3247,
0.3369

45.2585, 0.3247,
0.3369

40.5253, 0.3428,
0.3479

50.4239, 0.3091,
0.3265

36.2069, 0.3636,
0.3594

56.0266, 0.2957,
0.3169

32.2930, 0.3873,
0.3710

62.0793, 0.2841,
0.3080

28.7711, 0.4139,
0.3821

68.5921, 0.2741,
0.2999

25.6277, 0.4430,
0.3918

74.9139, 0.2706,
0.3028

■ 22.8482, 0.4735,
0.3989

■ 81.0560, 0.2717,
0.3146

■ 20.4173, 0.5039,
0.4023

■ 87.5662, 0.2729,
0.3262

■ 18.3177, 0.5320,
0.4007

■ 89.1820, 0.2731,
0.3289

■ 16.5282, 0.5560,
0.3941

Harmonies

Analogous

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



45.2585, 0.3246, 0.3321



45.2585, 0.3247, 0.3369



45.2585, 0.3216, 0.3396

Triad

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



45.2585, 0.3247, 0.3369



45.2585, 0.3042, 0.3314



45.2585, 0.3093, 0.3188

Complementary

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



45.2585, 0.3247, 0.3369



44.9633, 0.3012, 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.



45.2585, 0.3039, 0.3185



45.2585, 0.3247, 0.3369



45.2585, 0.3010, 0.3257

Square

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



45.2585, 0.3247, 0.3369



45.2585, 0.3098, 0.3365



45.2585, 0.3009, 0.3210



45.2585, 0.3156, 0.3217

Rectangle

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



45.2585, 0.3247, 0.3369



45.2585, 0.3181, 0.3399



45.2585, 0.3009, 0.3210



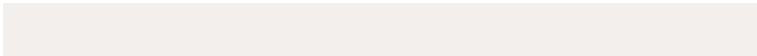
45.2585, 0.3073, 0.3184

Sweetspot

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



45.2605, 0.3247, 0.3369



87.0740, 0.3158, 0.3311



43.2451, 0.3185, 0.3183



19.1966, 0.3157, 0.3310



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.



45.2605, 0.3247, 0.3369



80.5862, 0.3274, 0.3386



48.0569, 0.3239, 0.3457



9.6277, 0.3277, 0.3388



10.9916, 0.5594, 0.3940



0.5108, 0.5146, 0.4296

Inverse Universe

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



44.9633, 0.3012, 0.3210



79.9401, 0.2988, 0.3192



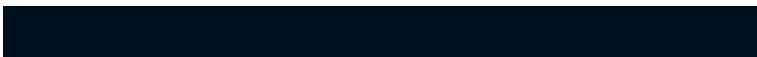
42.2633, 0.3013, 0.3117



9.5489, 0.2985, 0.3190



9.5192, 0.1846, 0.1843



0.4558, 0.1960, 0.2256

Previews

White Background



This preview shows how the Yxy color 45.2585, 0.3247, 0.3369 looks on a white background.

Color Contrast Check

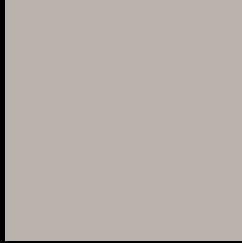
Large Text (above 18pt) WCAG AA × Fail

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 45.2585, 0.3247, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

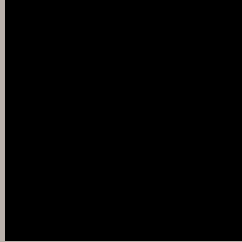
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

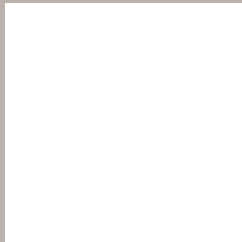
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.2585, 0.3247, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 45.2585, 0.3247, 0.3369.



This preview shows how white text looks on a background with the Yxy color 45.2585, 0.3247, 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

45.2585, 0.3247, 0.3369

Protanopia

45.4091, 0.3228, 0.3382

Deuteranopia

45.0464, 0.3363, 0.3291



Tritanopia

45.0254, 0.3127, 0.3111

Trichromacy



Original Color

45.2585, 0.3247, 0.3369

Protanomaly

45.5330, 0.3237, 0.3382

Deuteranomaly

45.1464, 0.3314, 0.3316

Tritanomaly

45.0344, 0.3166, 0.3200

Monochromacy



Original Color

45.2585, 0.3247, 0.3369

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3596, 0.3169, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2585, 0.3247, 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(186, 178, 172)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 178, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 178, 172) }
```

Border

The CSS property to change the border of an element to Yxy 45.2585, 0.3247, 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(186, 178, 172) }
```

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

```
.border{ border-color:rgb(186, 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(186, 178, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 178, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 178, 172);  
box-shadow:4px 4px 4px 4px rgb(186, 178,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2585, 0.3247, 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(186, 178, 172) }
```

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

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