

Converting Colors

$Y_{xy}(43.6205, 0.3221, 0.3325)$

Have a look what the booklet for
Yxy(43.6205, 0.3221, 0.3325)
contains.

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Color

Yxy(43.7058, 0.3223, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	B7AFAC
RGB	183, 175, 172
RGB Percent	72%, 69%, 67%
CMY	0.2824, 0.3137, 0.3254
CMYK	0.00, 0.04, 0.06, 0.28
HSL	16°, 7%, 70%
HSV	16°, 6%, 72%
XYZ	42.3014, 43.7058, 45.2414
YIQ	177.0500, 5.7310, 0.7630

Conversions

Conversions Part 2

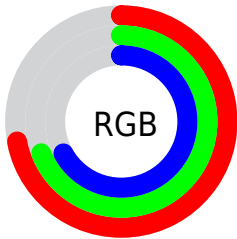
Format	Color
RYB	183, 176, 172
Decimal	12038060
CIELab	72.03, 2.30, 2.54
CIELCh	72, 3.425, 47.792
Yxy	43.7058, 0.3223, 0.3330
Android (android.graphics.Color)	4290228140 (0xFFB7AFAC)
YUV	177.0500, -2.4897, 5.2181
Hunter-Lab	66.1104, -1.4780, 5.7032

Details

The Yxy color **43.7058, 0.3223, 0.3330** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.8235, 0.3036, 0.3250**, and the grayscale version is **44.0049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0486, 0.3208, 0.3331**, and **20.2678, 0.3248, 0.3345** is the 20% darker color. If you saturate the color by 10%, you get **38.1295, 0.3407, 0.3401**, and if you desaturate by 10%, it is **49.8921, 0.3068, 0.3264**.

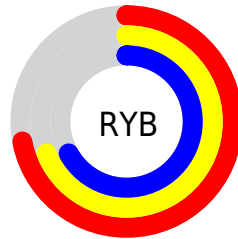
Distribution



Red (72%)

Green (69%)

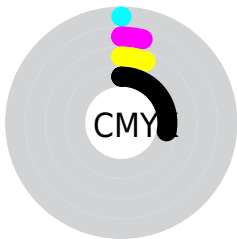
Blue (67%)



Red (72%)

Yellow (69%)

Blue (67%)

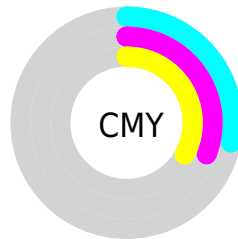


Cyan (0%)

Magenta (4%)

Yellow (6%)

Black (28%)



Cyan (28%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7058, 0.3223, 0.3330 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 43.7058, 0.3223, 0.3330 by changing the saturation by 10% instead.

■ 43.7058, 0.3223,
0.3330

■ 43.7058, 0.3223,
0.3330

361.5064, 0.3174,
0.3310

■ 30.4393, 0.3235,
0.3335

■ 80.7749, 0.3205,
0.3323

■ 20.1723, 0.3251,
0.3341

105.3462, 0.3199,
0.3320

■ 12.5203, 0.3273,
0.3350

134.4546, 0.3193,
0.3318

■ 7.0991, 0.3303,
0.3362

168.4845, 0.3188,
0.3316

■ 3.5241, 0.3350,
0.3380

207.8202, 0.3184,
0.3314

■ 1.4111, 0.3430,
0.3411

252.8461, 0.3180,

■ 0.2249, 0.4800,

0.3313

0.3999

303.9467, 0.3177,
0.3311

0.0000, 0.0000,
0.0000

43.7058, 0.3223,
0.3330

43.7058, 0.3223,
0.3330

38.1295, 0.3407,
0.3401

49.8921, 0.3068,
0.3264

33.1390, 0.3626,
0.3475

56.7006, 0.2939,
0.3204

28.7165, 0.3885,
0.3550

64.1500, 0.2829,
0.3149

24.8416, 0.4185,
0.3622

72.2567, 0.2737,
0.3098

21.4922, 0.4526,
0.3683

80.4769, 0.2700,
0.3142

■ 18.6450, 0.4897,
0.3725

■ 88.6567, 0.2716,
0.3286

■ 16.2745, 0.5277,
0.3735

■ 88.8045, 0.2716,
0.3289

■ 14.3529, 0.5630,
0.3705

■ 12.8487, 0.5920,
0.3631

Harmonies

Analogous

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



43.7058, 0.3206, 0.3288



43.7058, 0.3223, 0.3330



43.7058, 0.3214, 0.3362

Triad

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



43.7058, 0.3223, 0.3330



43.7058, 0.3086, 0.3335



43.7058, 0.3073, 0.3206

Complementary

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



43.7058, 0.3223, 0.3330



44.8235, 0.3036, 0.3250

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.



43.7058, 0.3041, 0.3218



43.7058, 0.3223, 0.3330



43.7058, 0.3049, 0.3292

Square

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



43.7058, 0.3223, 0.3330



43.7058, 0.3135, 0.3365



43.7058, 0.3032, 0.3249



43.7058, 0.3119, 0.3217

Rectangle

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



43.7058, 0.3223, 0.3330



43.7058, 0.3195, 0.3373



43.7058, 0.3032, 0.3249



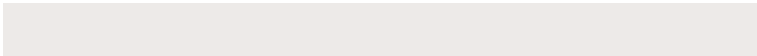
43.7058, 0.3060, 0.3208

Sweetspot

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



43.7077, 0.3223, 0.3330



82.5571, 0.3159, 0.3303



42.8714, 0.3158, 0.3184



18.2599, 0.3157, 0.3303



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.



43.7077, 0.3223, 0.3330



77.1260, 0.3242, 0.3338



45.8553, 0.3217, 0.3401



9.6423, 0.3248, 0.3340



8.7181, 0.6002, 0.3616



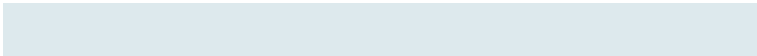
0.4141, 0.5482, 0.4029

Inverse Universe

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



44.8235, 0.3036, 0.3250



79.4816, 0.3019, 0.3242



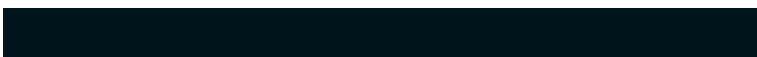
42.6828, 0.3037, 0.3177



9.9523, 0.3014, 0.3239



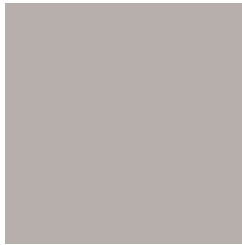
14.1961, 0.1997, 0.2389



0.5978, 0.2069, 0.2648

Previews

White Background



This preview shows how the Yxy color 43.7058, 0.3223, 0.3330 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 43.7058, 0.3223, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

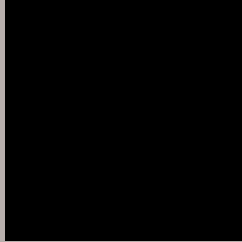
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7058, 0.3223, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 43.7058, 0.3223, 0.3330.



This preview shows how white text looks on a background with the Yxy color 43.7058, 0.3223, 0.3330.

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

43.7058, 0.3223, 0.3330

Protanopia

43.8530, 0.3204, 0.3343

Deuteranopia

43.7451, 0.3330, 0.3265



Tritanopia

43.7466, 0.3126, 0.3121

Trichromacy



Original Color

43.7058, 0.3223, 0.3330

Protanomaly

43.9743, 0.3213, 0.3343

Deuteranomaly

43.5985, 0.3291, 0.3278

Tritanomaly

43.7986, 0.3158, 0.3199

Monochromacy



Original Color

43.7058, 0.3223, 0.3330

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7295, 0.3162, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7058, 0.3223, 0.3330 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(183, 175, 172)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 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(183, 175, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 172) }
```

Border

The CSS property to change the border of an element to Yxy 43.7058, 0.3223, 0.3330 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(183, 175, 172) }
```

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

```
.border{ border-color:rgb(183, 175, 172) }
```

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

Here you see how a box with a 4 pixel rgb(183, 175, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 172);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7058, 0.3223, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 172) }
```

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

```
.background{ background-color: rgb(183,  
175, 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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