

Converting Colors

$Yxy(43.1899, 0.3233, 0.3228)$

Have a look what the booklet for
Yxy(43.1899, 0.3233, 0.3228)
contains.

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Color

Yxy(43.3310, 0.3238, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	BCACB0
RGB	188, 172, 176
RGB Percent	74%, 67%, 69%
CMY	0.2627, 0.3255, 0.3098
CMYK	0.00, 0.09, 0.06, 0.26
HSL	345°, 11%, 71%
HSV	345°, 9%, 74%
XYZ	43.3310, 43.3310, 47.1583
YIQ	177.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

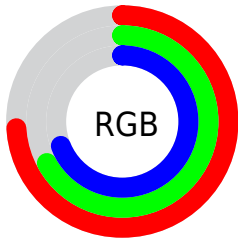
Format	Color
RYB	188, 172, 176
Decimal	12364976
CIELab	71.78, 6.46, 0.02
CIElCh	72, 6.461, 0.207
Yxy	43.3310, 0.3238, 0.3238
Android (android.graphics.Color)	4290555056 (0xFFBCACB0)
YUV	177.2400, -0.6113, 9.4365
Hunter-Lab	65.8263, 2.3039, 3.6028

Details

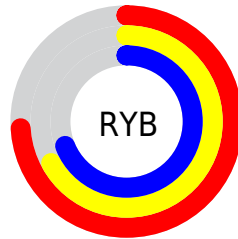
The Yxy color **43.3310, 0.3238, 0.3238** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.2038, 0.3027, 0.3343**, and the grayscale version is **44.1011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9975, 0.3213, 0.3240**, and **20.0391, 0.3268, 0.3219** is the 20% darker color. If you saturate the color by 10%, you get **36.1461, 0.3396, 0.3173**, and if you desaturate by 10%, it is **51.5901, 0.3110, 0.3299**.

Distribution



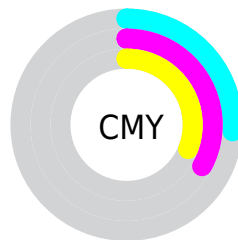
- Red (74%)
- Green (67%)
- Blue (69%)



- Red (74%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (26%)





- Cyan (26%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3310, 0.3238, 0.3238 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 43.3310, 0.3238, 0.3238 by changing the saturation by 10% instead.


 43.3310, 0.3238,
0.3238

 43.3310, 0.3238,
0.3238

359.9712, 0.3182,
0.3264

 30.1449, 0.3252,
0.3231

 80.2101, 0.3217,
0.3248

 19.9486, 0.3271,
0.3223


104.6719, 0.3210,
0.3251

 12.3577, 0.3296,
0.3211


133.6611, 0.3203,
0.3254

 6.9878, 0.3331,
0.3194

167.5620, 0.3198,
0.3257

 3.4545, 0.3385,
0.3169

206.7591, 0.3193,
0.3259

 1.3733, 0.3477,
0.3125

251.6368, 0.3189,

 0.1970, 0.4570,

0.3261

0.2610

302.5793, 0.3185,
0.3263

0.0000, 0.0000,
0.0000

43.3310, 0.3238,
0.3238

43.3310, 0.3238,
0.3238

36.1461, 0.3396,
0.3173

51.5901, 0.3110,
0.3299

29.9856, 0.3589,
0.3106

60.9592, 0.3006,
0.3355

24.8044, 0.3825,
0.3039

71.4795, 0.2920,
0.3406

20.5516, 0.4109,
0.2977

83.1882, 0.2851,
0.3453

17.1719, 0.4439,
0.2927

88.8964, 0.2784,
0.3380

■ 14.6038, 0.4809,
0.2899

■ 89.4331, 0.2742,
0.3289

■ 12.7779, 0.5198,
0.2905

■ 11.6131, 0.5570,
0.2950

■ 10.9768, 0.5888,
0.3030

Harmonies

Analogous

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



43.3310, 0.3151, 0.3172



43.3310, 0.3238, 0.3238



43.3310, 0.3296, 0.3319

Triad

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



43.3310, 0.3238, 0.3238



43.3310, 0.3195, 0.3450



43.3310, 0.2950, 0.3184

Complementary

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



43.3310, 0.3238, 0.3238



48.2038, 0.3027, 0.3343

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.



43.3310, 0.2961, 0.3258



43.3310, 0.3238, 0.3238



43.3310, 0.3102, 0.3413

Square

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



43.3310, 0.3238, 0.3238



43.3310, 0.3271, 0.3442



43.3310, 0.3017, 0.3342



43.3310, 0.2985, 0.3140

Rectangle

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



43.3310, 0.3238, 0.3238



43.3310, 0.3310, 0.3370



43.3310, 0.3017, 0.3342



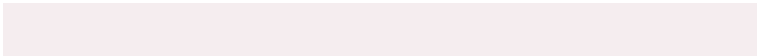
43.3310, 0.2948, 0.3206

Sweetspot

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



43.3329, 0.3238, 0.3238



86.4587, 0.3165, 0.3272



43.2949, 0.3099, 0.3082



18.3326, 0.3175, 0.3267



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.



43.3329, 0.3238, 0.3238



76.2467, 0.3262, 0.3228



44.6189, 0.3268, 0.3339



9.5745, 0.3250, 0.3233



7.4296, 0.5901, 0.3024



0.3019, 0.5202, 0.2639

Inverse Universe

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



43.3329, 0.3238, 0.3238



76.2467, 0.3262, 0.3228



46.7983, 0.2997, 0.3240



9.5745, 0.3250, 0.3233



7.4296, 0.5901, 0.3024



0.3019, 0.5202, 0.2639

Previews

White Background



This preview shows how the Yxy color 43.3310, 0.3238, 0.3238 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 43.3310, 0.3238, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

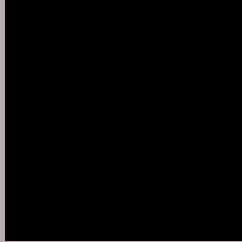
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

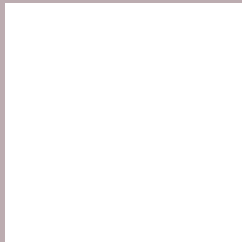
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3310, 0.3238, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 43.3310, 0.3238, 0.3238.



This preview shows how white text looks on a background with the Yxy color 43.3310, 0.3238, 0.3238.

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

43.3310, 0.3238, 0.3238

Protanopia

43.3393, 0.3129, 0.3250

Deuteranopia

43.2215, 0.3286, 0.3213



Tritanopia

43.4053, 0.3180, 0.3123

Trichromacy



Original Color

43.3310, 0.3238, 0.3238

Protanomaly

43.3915, 0.3173, 0.3250

Deuteranomaly

43.3368, 0.3267, 0.3226

Tritanomaly

43.2808, 0.3205, 0.3161

Monochromacy



Original Color

43.3310, 0.3238, 0.3238

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6580, 0.3164, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3310, 0.3238, 0.3238 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(188, 172, 176)` looks like.

```
.text, #text, p{  
    color:rgb(188, 172, 176)  
}
```

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(188, 172, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 172, 176) }
```

Border

The CSS property to change the border of an element to Yxy 43.3310, 0.3238, 0.3238 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(188, 172, 176) }
```

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

```
.border{ border-color:rgb(188, 172, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 172, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 172, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 172, 176);  
box-shadow:4px 4px 4px 4px rgb(188, 172,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3310, 0.3238, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 172, 176) }
```

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

```
.background{ background-color: rgb(188,  
172, 176) }
```

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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