

Converting Colors

$Y_{xy}(44.3581, 0.3252, 0.3351)$

Have a look what the booklet for
Yxy(44.3581, 0.3252, 0.3351)
contains.

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Color

Yxy(44.4300, 0.3258, 0.3356)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BAB0AB |
| RGB | 186, 176, 171 |
| RGB Percent | 73%, 69%, 67% |
| CMY | 0.2704, 0.3098, 0.3294 |
| CMYK | 0.00, 0.05, 0.08, 0.27 |
| HSL | 20°, 10%, 70% |
| HSV | 20°, 8%, 73% |
| XYZ | 43.1326, 44.4300, 44.8272 |
| YIQ | 178.4200, 7.5650, 0.5650 |

Conversions

Conversions Part 2

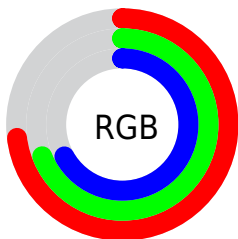
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 186, 179, 171 |
| Decimal | 12234923 |
| CIELab | 72.51, 2.70, 3.83 |
| CIELCh | 73, 4.685, 54.793 |
| Yxy | 44.4300, 0.3258, 0.3356 |
| Android (android.graphics.Color) | 4290425003 (0xFFBAB0AB) |
| YUV | 178.4200, -3.6581, 6.6477 |
| Hunter-Lab | 66.6558, -1.1415, 6.7856 |

Details

The Yxy color **44.4300, 0.3258, 0.3356** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.2701, 0.3004, 0.3223**, and the grayscale version is **44.7750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0815, 0.3234, 0.3352**, and **20.7338, 0.3295, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **39.1202, 0.3446, 0.3443**, and if you desaturate by 10%, it is **50.2896, 0.3099, 0.3275**.

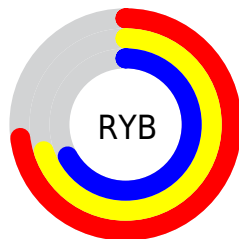
Distribution



Red (73%)

Green (69%)

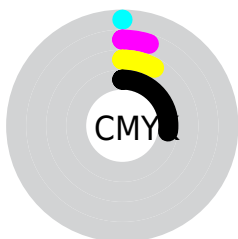
Blue (67%)



Red (73%)

Yellow (70%)

Blue (67%)

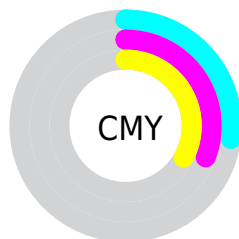


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4300, 0.3258, 0.3356 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 44.4300, 0.3258, 0.3356 by changing the saturation by 10% instead.

■ 44.4300, 0.3258,
0.3356

■ 44.4300, 0.3258,
0.3356

364.4601, 0.3192,
0.3323

■ 31.0087, 0.3275,
0.3364

■ 81.8644, 0.3234,
0.3344

■ 20.6055, 0.3296,
0.3375

106.6463, 0.3225,
0.3340

■ 12.8359, 0.3326,
0.3389

135.9838, 0.3217,
0.3336

■ 7.3157, 0.3367,
0.3408

170.2614, 0.3211,
0.3333

■ 3.6603, 0.3430,
0.3438

209.8634, 0.3205,
0.3330

■ 1.4854, 0.3537,
0.3486

255.1743, 0.3200,

■ 0.2784, 0.5129,

0.3327

0.4320

306.5784, 0.3196,
0.3325

0.0000, 0.0000,
0.0000

44.4300, 0.3258,
0.3356

44.4300, 0.3258,
0.3356

39.1202, 0.3446,
0.3443

50.2896, 0.3099,
0.3275

34.3383, 0.3666,
0.3533

56.7085, 0.2964,
0.3200

30.0694, 0.3923,
0.3623

63.7033, 0.2849,
0.3131

26.2956, 0.4217,
0.3709

71.2884, 0.2751,
0.3069

22.9982, 0.4544,
0.3781

78.8828, 0.2713,
0.3106

■ 20.1569, 0.4893,
0.3830

■ 86.3745, 0.2727,
0.3241

■ 17.7499, 0.5244,
0.3842

■ 89.1844, 0.2731,
0.3289

■ 15.7533, 0.5566,
0.3807

■ 14.1374, 0.5833,
0.3728

Harmonies

Analogous

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



44.4300, 0.3243, 0.3300



44.4300, 0.3258, 0.3356



44.4300, 0.3237, 0.3395

Triad

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



44.4300, 0.3258, 0.3356



44.4300, 0.3058, 0.3338



44.4300, 0.3067, 0.3177

Complementary

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



44.4300, 0.3258, 0.3356



45.2701, 0.3004, 0.3223

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.



44.4300, 0.3018, 0.3186



44.4300, 0.3258, 0.3356



44.4300, 0.3013, 0.3278

Square

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



44.4300, 0.3258, 0.3356



44.4300, 0.3121, 0.3385



44.4300, 0.2998, 0.3222



44.4300, 0.3132, 0.3198

Rectangle

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



44.4300, 0.3258, 0.3356



44.4300, 0.3207, 0.3406



44.4300, 0.2998, 0.3222



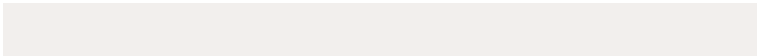
44.4300, 0.3048, 0.3176

Sweetspot

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



44.4319, 0.3258, 0.3356



86.8009, 0.3158, 0.3306



42.9157, 0.3176, 0.3156



19.1394, 0.3157, 0.3305



95.5105, 0.3127, 0.3290



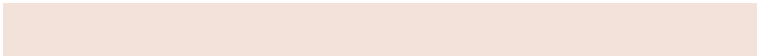
19.5994, 0.3127, 0.3290

Same Dimension

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



44.4319, 0.3258, 0.3356



78.4159, 0.3295, 0.3374



47.3684, 0.3249, 0.3450



9.4865, 0.3280, 0.3366



9.4489, 0.5858, 0.3731



0.4498, 0.5347, 0.4137

Inverse Universe

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



45.2701, 0.3004, 0.3223



80.2973, 0.2972, 0.3205



42.3811, 0.3004, 0.3125



9.6944, 0.2985, 0.3212



12.2634, 0.1939, 0.2182



0.5409, 0.2028, 0.2501

Previews

White Background



This preview shows how the Yxy color 44.4300, 0.3258, 0.3356 looks on a white background.

Color Contrast Check

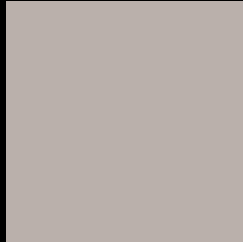
Large Text (above 18pt) WCAG AA × Fail

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 44.4300, 0.3258, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

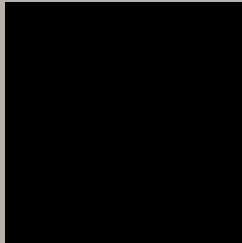
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

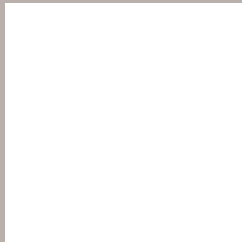
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4300, 0.3258, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 44.4300, 0.3258, 0.3356.



This preview shows how white text looks on a background with the Yxy color 44.4300, 0.3258, 0.3356.

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

44.4300, 0.3258, 0.3356

Protanopia

44.3679, 0.3212, 0.3357

Deuteranopia

44.3539, 0.3355, 0.3291



Tritanopia

44.5513, 0.3144, 0.3123

Trichromacy



Original Color

44.4300, 0.3258, 0.3356

Protanomaly

44.4901, 0.3221, 0.3356

Deuteranomaly

44.2032, 0.3317, 0.3303

Tritanomaly

44.5609, 0.3184, 0.3212

Monochromacy



Original Color

44.4300, 0.3258, 0.3356

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3632, 0.3179, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4300, 0.3258, 0.3356 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, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 176, 171)  
}
```

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, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 176, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.4300, 0.3258, 0.3356 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, 176, 171) }
```

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

```
.border{ border-color:rgb(186, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 176,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4300, 0.3258, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 176, 171) }
```

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

```
.background{ background-color: rgb(186,  
176, 171) }
```

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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