

Converting Colors

$Yxy(44.7087, 0.3256, 0.3365)$

Have a look what the booklet for
Yxy(44.7087, 0.3256, 0.3365)
contains.

Yxy(44.8237, 0.3256, 0.3369)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8237, 0.3256, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	BAB1AB
RGB	186, 177, 171
RGB Percent	73%, 69%, 67%
CMY	0.2707, 0.3058, 0.3294
CMYK	0.00, 0.05, 0.08, 0.27
HSL	24°, 10%, 70%
HSV	24°, 8%, 73%
XYZ	43.3203, 44.8237, 44.9035
YIQ	179.0070, 7.2900, 0.0420

Conversions

Conversions Part 2

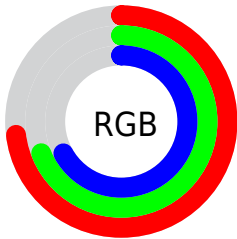
Format	Color
RYB	186, 181, 171
Decimal	12235179
CIELab	72.78, 2.13, 4.19
CIELCh	73, 4.704, 63.028
Yxy	44.8237, 0.3256, 0.3369
Android (android.graphics.Color)	4290425259 (0xFFBAB1AB)
YUV	179.0070, -3.9475, 6.1329
Hunter-Lab	66.9505, -1.6651, 7.0997

Details

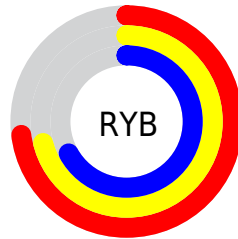
The Yxy color **44.8237, 0.3256, 0.3369** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8418, 0.3005, 0.3210**, and the grayscale version is **45.1020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6461, 0.3233, 0.3362**, and **20.7338, 0.3295, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **39.9389, 0.3440, 0.3473**, and if you desaturate by 10%, it is **50.1722, 0.3098, 0.3272**.

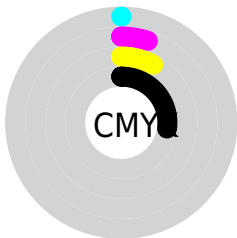
Distribution



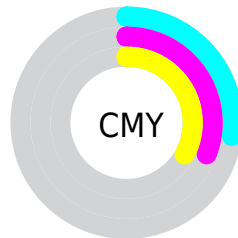
- Red (73%)
- Green (69%)
- Blue (67%)



- Red (73%)
- Yellow (71%)
- 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 44.8237, 0.3256, 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 44.8237, 0.3256, 0.3369 by changing the saturation by 10% instead.

■ 44.8237, 0.3256,
0.3369

■ 44.8237, 0.3256,
0.3369

366.0591, 0.3191,
0.3330

■ 31.3186, 0.3272,
0.3379

■ 82.4558, 0.3232,
0.3355

■ 20.8416, 0.3294,
0.3392

107.3516, 0.3223,
0.3349

■ 13.0082, 0.3322,
0.3408

136.8130, 0.3216,
0.3345

■ 7.4342, 0.3362,
0.3432

171.2245, 0.3209,
0.3341

■ 3.7351, 0.3424,
0.3468

210.9705, 0.3204,
0.3337

■ 1.5265, 0.3528,
0.3526

256.4353, 0.3199,

■ 0.3073, 0.4967,

0.3334

0.4435

308.0034, 0.3195,
0.3332

0.0000, 0.0000,
0.0000

44.8237, 0.3256,
0.3369

44.8237, 0.3256,
0.3369

39.9389, 0.3440,
0.3473

50.1722, 0.3098,
0.3272

35.4991, 0.3652,
0.3581

55.9907, 0.2963,
0.3181

31.4930, 0.3896,
0.3689

62.2927, 0.2847,
0.3098

27.9067, 0.4171,
0.3792

69.0896, 0.2747,
0.3022

24.7251, 0.4473,
0.3882

75.7984, 0.2707,
0.3046

■ 21.9326, 0.4791,
0.3945

■ 82.3036, 0.2719,
0.3169

■ 19.5118, 0.5108,
0.3971

■ 89.1769, 0.2731,
0.3289

■ 17.4439, 0.5401,
0.3947

■ 15.7051, 0.5649,
0.3875

Harmonies

Analogous

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



44.8237, 0.3251, 0.3317



44.8237, 0.3256, 0.3369



44.8237, 0.3226, 0.3401

Triad

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



44.8237, 0.3256, 0.3369



44.8237, 0.3043, 0.3322



44.8237, 0.3083, 0.3180

Complementary

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



44.8237, 0.3256, 0.3369



44.8418, 0.3005, 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.



44.8237, 0.3029, 0.3180



44.8237, 0.3256, 0.3369



44.8237, 0.3005, 0.3262

Square

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



44.8237, 0.3256, 0.3369



44.8237, 0.3103, 0.3374



44.8237, 0.3000, 0.3210



44.8237, 0.3151, 0.3208

Rectangle

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



44.8237, 0.3256, 0.3369



44.8237, 0.3191, 0.3406



44.8237, 0.3000, 0.3210



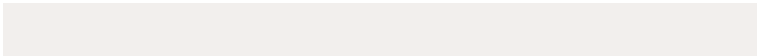
44.8237, 0.3063, 0.3177

Sweetspot

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



44.8257, 0.3256, 0.3369



86.9951, 0.3158, 0.3310



42.8635, 0.3187, 0.3173



19.1801, 0.3157, 0.3309



95.5105, 0.3127, 0.3290



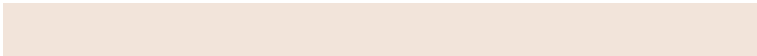
19.5994, 0.3127, 0.3290

Same Dimension

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



44.8257, 0.3256, 0.3369



79.3213, 0.3293, 0.3391



47.8609, 0.3247, 0.3465



9.5867, 0.3278, 0.3382



10.5005, 0.5673, 0.3878



0.4923, 0.5203, 0.4251

Inverse Universe

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



44.8418, 0.3005, 0.3210



79.3575, 0.2972, 0.3187



41.9043, 0.3005, 0.3108



9.5907, 0.2985, 0.3196



10.2586, 0.1872, 0.1940



0.4793, 0.1980, 0.2327

Previews

White Background



This preview shows how the Yxy color 44.8237, 0.3256, 0.3369 looks on a white background.

Color Contrast Check

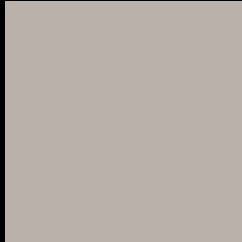
Large Text (above 18pt) WCAG AA × Fail

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 44.8237, 0.3256, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

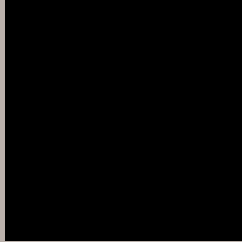
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

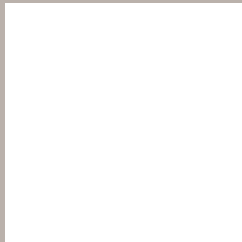
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8237, 0.3256, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 44.8237, 0.3256, 0.3369.

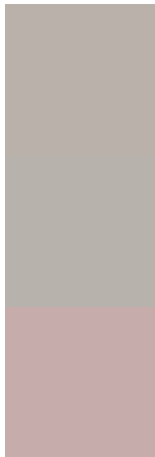


This preview shows how white text looks on a background with the Yxy color 44.8237, 0.3256, 0.3369.

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

44.8237, 0.3256, 0.3369

Protanopia

44.8483, 0.3228, 0.3383

Deuteranopia

44.8715, 0.3363, 0.3303



Tritanopia

44.5943, 0.3136, 0.3111

Trichromacy



Original Color

44.8237, 0.3256, 0.3369

Protanomaly

44.9714, 0.3237, 0.3383

Deuteranomaly

44.7200, 0.3324, 0.3316

Tritanomaly

44.6021, 0.3176, 0.3200

Monochromacy



Original Color

44.8237, 0.3256, 0.3369

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9205, 0.3178, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8237, 0.3256, 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, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 177, 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, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 177, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.8237, 0.3256, 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, 177, 171) }
```

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

```
.border{ border-color:rgb(186, 177, 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, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 177,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8237, 0.3256, 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, 177, 171) }
```

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

```
.background{ background-color: rgb(186,  
177, 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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