

Converting Colors

$Yxy(43.9434, 0.3236, 0.3193)$

Have a look what the booklet for
Yxy(43.9434, 0.3236, 0.3193)
contains.

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Color

Yxy(43.8767, 0.3231, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	BFACB4
RGB	191, 172, 180
RGB Percent	75%, 67%, 71%
CMY	0.2509, 0.3255, 0.2940
CMYK	0.00, 0.10, 0.06, 0.25
HSL	335°, 13%, 71%
HSV	335°, 10%, 75%
XYZ	44.4825, 43.8767, 49.3148
YIQ	178.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

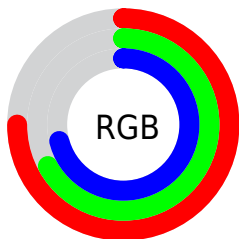
Format	Color
RYB	191, 172, 180
Decimal	12561588
CIELab	72.15, 8.26, -1.62
CIELCh	72, 8.415, 348.926
Yxy	43.8767, 0.3231, 0.3187
Android (android.graphics.Color)	4290751668 (0xFFBFACB4)
YUV	178.5930, 0.6937, 10.8809
Hunter-Lab	66.2395, 3.9508, 2.2267

Details

The Yxy color $43.8767, 0.3231, 0.3187$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.4610, 0.3034, 0.3395$, and the grayscale version is $44.8471, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.7685, 0.3208, 0.3200$, and $20.3685, 0.3270, 0.3168$ is the 20% darker color. If you saturate the color by 10%, you get $36.6903, 0.3357, 0.3078$, and if you desaturate by 10%, it is $52.1480, 0.3127, 0.3290$.

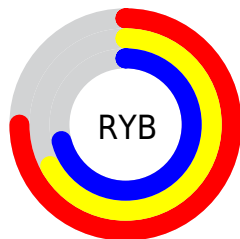
Distribution



Red (75%)

Green (67%)

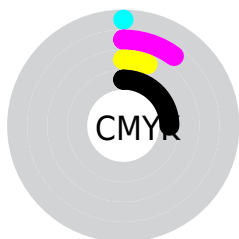
Blue (71%)



Red (75%)

Yellow (67%)

Blue (71%)

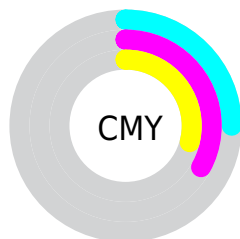


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8767, 0.3231, 0.3187 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 43.8767, 0.3231, 0.3187 by changing the saturation by 10% instead.


 43.8767, 0.3231,
0.3187

 43.8767, 0.3231,
0.3187


362.2049, 0.3179,
0.3239

 30.5736, 0.3244,
0.3174


 81.0322, 0.3212,
0.3206

 20.2744, 0.3261,
0.3157


105.6533, 0.3205,
0.3213

 12.5946, 0.3284,
0.3135


134.8159, 0.3199,
0.3219

 7.1500, 0.3316,
0.3103

168.9044, 0.3194,
0.3224

 3.5561, 0.3365,
0.3056

208.3032, 0.3189,
0.3228

 1.4285, 0.3447,
0.2977

253.3966, 0.3185,

 0.2376, 0.4123,

0.3232

0.2292

304.5690, 0.3182,
0.3236

0.0000, 0.0000,
0.0000

43.8767, 0.3231,
0.3187

43.8767, 0.3231,
0.3187

36.6903, 0.3357,
0.3078

52.1480, 0.3127,
0.3290

30.5378, 0.3510,
0.2965

61.5408, 0.3041,
0.3387

25.3727, 0.3693,
0.2853

72.0975, 0.2971,
0.3475

21.1426, 0.3908,
0.2748

83.8561, 0.2913,
0.3557

17.7904, 0.4156,
0.2660

88.6121, 0.2857,
0.3503

■ 15.2526, 0.4431,
0.2600

■ 89.2715, 0.2801,
0.3382

■ 13.4568, 0.4724,
0.2581

■ 89.8195, 0.2757,
0.3289

■ 12.3178, 0.5016,
0.2613

■ 11.6693, 0.5293,
0.2690

Harmonies

Analogous

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



43.8767, 0.3111, 0.3114



43.8767, 0.3231, 0.3187



43.8767, 0.3324, 0.3287

Triad

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



43.8767, 0.3231, 0.3187



43.8767, 0.3256, 0.3501



43.8767, 0.2896, 0.3184

Complementary

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



43.8767, 0.3231, 0.3187



49.4610, 0.3034, 0.3395

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.



43.8767, 0.2934, 0.3289



43.8767, 0.3231, 0.3187



43.8767, 0.3140, 0.3475

Square

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



43.8767, 0.3231, 0.3187



43.8767, 0.3339, 0.3468



43.8767, 0.3022, 0.3396



43.8767, 0.2919, 0.3111

Rectangle

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



43.8767, 0.3231, 0.3187



43.8767, 0.3358, 0.3356



43.8767, 0.3022, 0.3396



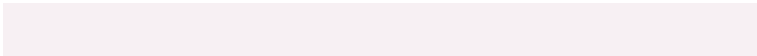
43.8767, 0.2902, 0.3217

Sweetspot

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



43.8786, 0.3231, 0.3187



88.5912, 0.3157, 0.3259



43.3057, 0.3066, 0.3043



19.1842, 0.3165, 0.3251



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.8786, 0.3231, 0.3187



75.5323, 0.3257, 0.3163



44.0461, 0.3298, 0.3307



9.6013, 0.3224, 0.3194



7.6807, 0.5260, 0.2672



0.3139, 0.4650, 0.2335

Inverse Universe

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



43.8786, 0.3231, 0.3187



75.5323, 0.3257, 0.3163



49.2538, 0.2976, 0.3273



9.6013, 0.3224, 0.3194



7.6807, 0.5260, 0.2672



0.3139, 0.4650, 0.2335

Previews

White Background



This preview shows how the Yxy color 43.8767, 0.3231, 0.3187 looks on a white background.

Color Contrast Check

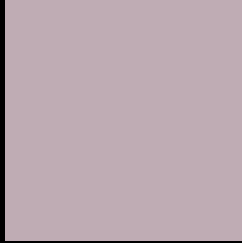
Large Text (above 18pt) WCAG AA × Fail

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 43.8767, 0.3231, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

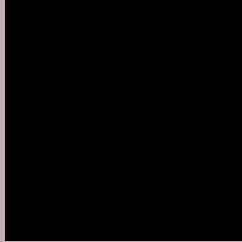
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8767, 0.3231, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 43.8767, 0.3231, 0.3187.



This preview shows how white text looks on a background with the Yxy color 43.8767, 0.3231, 0.3187.

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

43.8767, 0.3231, 0.3187

Protanopia

43.8930, 0.3096, 0.3210

Deuteranopia

43.7586, 0.3250, 0.3175



Tritanopia

43.8351, 0.3198, 0.3112

Trichromacy



Original Color

43.8767, 0.3231, 0.3187

Protanomaly

44.0634, 0.3148, 0.3211

Deuteranomaly

43.6276, 0.3241, 0.3175

Tritanomaly

43.7512, 0.3215, 0.3137

Monochromacy



Original Color

43.8767, 0.3231, 0.3187

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3726, 0.3164, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8767, 0.3231, 0.3187 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(191, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 180)  
}
```

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(191, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.8767, 0.3231, 0.3187 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(191, 172, 180) }
```

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

```
.border{ border-color:rgb(191, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8767, 0.3231, 0.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 172, 180) }
```

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

```
.background{ background-color: rgb(191,  
172, 180) }
```

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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