

Converting Colors

$Y_{xy}(43.4785, 0.3209, 0.3181)$

Have a look what the booklet for
Yxy(43.4785, 0.3209, 0.3181)
contains.

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Color

Yxy(43.6192, 0.3213, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	BDACB4
RGB	189, 172, 180
RGB Percent	74%, 67%, 71%
CMY	0.2588, 0.3255, 0.2942
CMYK	0.00, 0.09, 0.05, 0.26
HSL	332°, 11%, 71%
HSV	332°, 9%, 74%
XYZ	43.9751, 43.6192, 49.2718
YIQ	177.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

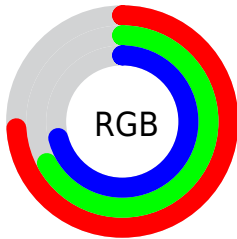
Format	Color
RYB	189, 172, 180
Decimal	12430516
CIELab	71.97, 7.52, -1.87
CIELCh	72, 7.750, 346.042
Yxy	43.6192, 0.3213, 0.3187
Android (android.graphics.Color)	4290620596 (0xFFBDACB4)
YUV	177.9950, 0.9885, 9.6514
Hunter-Lab	66.0448, 3.2733, 1.9990

Details

The Yxy color $43.6192, 0.3213, 0.3187$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.5032, 0.3049, 0.3395$, and the grayscale version is $44.5101, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4068, 0.3194, 0.3199$, and $20.1995, 0.3245, 0.3167$ is the 20% darker color. If you saturate the color by 10%, you get $36.5369, 0.3327, 0.3066$, and if you desaturate by 10%, it is $51.7580, 0.3118, 0.3301$.

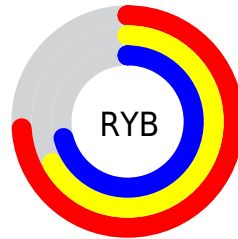
Distribution



Red (74%)

Green (67%)

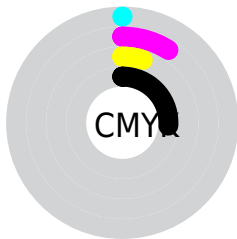
Blue (71%)



Red (74%)

Yellow (67%)

Blue (71%)

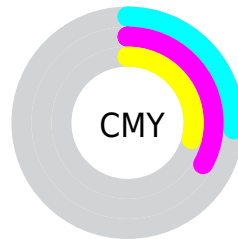


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6192, 0.3213, 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 43.6192, 0.3213, 0.3187 by changing the saturation by 10% instead.


 43.6192, 0.3213,
0.3187

 43.6192, 0.3213,
0.3187


361.1521, 0.3170,
0.3239

 30.3712, 0.3224,
0.3174


 80.6444, 0.3197,
0.3206

 20.1205, 0.3238,
0.3157


105.1905, 0.3191,
0.3213

 12.4827, 0.3257,
0.3135


134.2714, 0.3186,
0.3219

 7.0733, 0.3283,
0.3103

168.2715, 0.3182,
0.3224

 3.5080, 0.3324,
0.3056

207.5752, 0.3178,
0.3228

 1.4023, 0.3392,
0.2976

252.5670, 0.3175,

 0.2184, 0.3999,

0.3232

0.2233

303.6311, 0.3172,
0.3236

0.0000, 0.0000,
0.0000

43.6192, 0.3213,
0.3187

43.6192, 0.3213,
0.3187

36.5369, 0.3327,
0.3066

51.7580, 0.3118,
0.3301

30.4618, 0.3465,
0.2942

60.9887, 0.3040,
0.3408

25.3491, 0.3628,
0.2817

71.3518, 0.2976,
0.3506

21.1486, 0.3820,
0.2699

82.8844, 0.2923,
0.3596

17.8052, 0.4041,
0.2598

88.0589, 0.2873,
0.3561

■ 15.2579, 0.4286,
0.2524

■ 88.6391, 0.2821,
0.3449

■ 13.4377, 0.4547,
0.2490

■ 89.2522, 0.2771,
0.3340

■ 12.2633, 0.4811,
0.2507

■ 89.5586, 0.2747,
0.3289

■ 11.5936, 0.5067,
0.2572

Harmonies

Analogous

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



43.6192, 0.3101, 0.3123



43.6192, 0.3213, 0.3187



43.6192, 0.3303, 0.3278

Triad

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



43.6192, 0.3213, 0.3187



43.6192, 0.3255, 0.3484



43.6192, 0.2915, 0.3201

Complementary

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



43.6192, 0.3213, 0.3187



48.5032, 0.3049, 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.



43.6192, 0.2954, 0.3299



43.6192, 0.3213, 0.3187



43.6192, 0.3150, 0.3465

Square

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



43.6192, 0.3213, 0.3187



43.6192, 0.3327, 0.3449



43.6192, 0.3040, 0.3397



43.6192, 0.2931, 0.3129

Rectangle

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



43.6192, 0.3213, 0.3187



43.6192, 0.3337, 0.3342



43.6192, 0.3040, 0.3397



43.6192, 0.2922, 0.3232

Sweetspot

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



43.6211, 0.3213, 0.3187



86.5544, 0.3155, 0.3256



42.9799, 0.3065, 0.3068



18.3584, 0.3162, 0.3247



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.



43.6211, 0.3213, 0.3187



75.1949, 0.3236, 0.3161



43.4133, 0.3281, 0.3294



9.6089, 0.3217, 0.3183



7.7765, 0.5063, 0.2563



0.3178, 0.4505, 0.2256

Inverse Universe

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



43.6211, 0.3213, 0.3187



75.1949, 0.3236, 0.3161



48.7184, 0.2990, 0.3286



9.6089, 0.3217, 0.3183



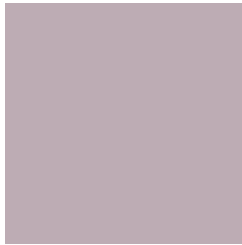
7.7765, 0.5063, 0.2563



0.3178, 0.4505, 0.2256

Previews

White Background



This preview shows how the Yxy color 43.6192, 0.3213, 0.3187 looks on a white background.

Color Contrast Check

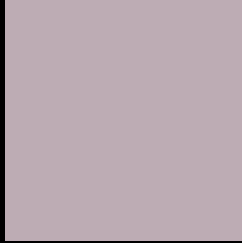
Large Text (above 18pt) WCAG AA × Fail

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 43.6192, 0.3213, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

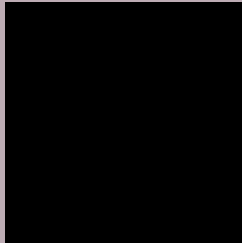
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6192, 0.3213, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 43.6192, 0.3213, 0.3187.



This preview shows how white text looks on a background with the Yxy color 43.6192, 0.3213, 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

43.6192, 0.3213, 0.3187

Protanopia

43.5023, 0.3097, 0.3197

Deuteranopia

43.6276, 0.3241, 0.3175



Tritanopia

43.5758, 0.3180, 0.3111

Trichromacy



Original Color

43.6192, 0.3213, 0.3187

Protanomaly

43.5534, 0.3140, 0.3198

Deuteranomaly

43.4975, 0.3232, 0.3174

Tritanomaly

43.4919, 0.3197, 0.3136

Monochromacy



Original Color

43.6192, 0.3213, 0.3187

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2504, 0.3155, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6192, 0.3213, 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(189, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 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(189, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.6192, 0.3213, 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(189, 172, 180) }
```

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

```
.border{ border-color:rgb(189, 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(189, 172, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6192, 0.3213, 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(189, 172, 180) }
```

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

```
.background{ background-color: rgb(189,  
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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