

Converting Colors

$Yxy(43.6645, 0.3204, 0.3087)$

Have a look what the booklet for
Yxy(43.6645, 0.3204, 0.3087)
contains.

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Color

Yxy(43.6321, 0.3200, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	C1AABA
RGB	193, 170, 186
RGB Percent	76%, 67%, 73%
CMY	0.2431, 0.3333, 0.2707
CMYK	0.00, 0.12, 0.04, 0.24
HSL	318°, 16%, 71%
HSV	318°, 12%, 76%
XYZ	45.2293, 43.6321, 52.4801
YIQ	178.7010, 8.5720, 9.8520

Conversions

Conversions Part 2

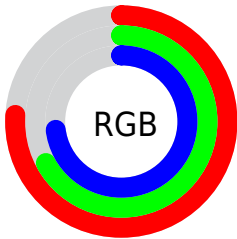
Format	Color
R_{YB}	193, 170, 186
Decimal	12692154
CIE Lab	71.98, 11.13, -5.12
CIE LCh	72, 12.247, 335.300
Yxy	43.6321, 0.3200, 0.3087
Android (android.graphics.Color)	4290882234 (0xFFC1AABA)
YUV	178.7010, 3.5984, 12.5402
Hunter-Lab	66.0546, 6.6279, -0.8674

Details

The Yxy color **43.6321, 0.3200, 0.3087** is a light color, and the websafe version is hex **999999**. A complement of this color would be **49.8654, 0.3061, 0.3502**, and the grayscale version is **44.8898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5852, 0.3191, 0.3121**, and **20.1393, 0.3214, 0.3031** is the 20% darker color. If you saturate the color by 10%, you get **36.6752, 0.3273, 0.2909**, and if you desaturate by 10%, it is **51.6655, 0.3138, 0.3258**.

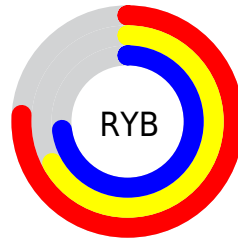
Distribution



Red (76%)

Green (67%)

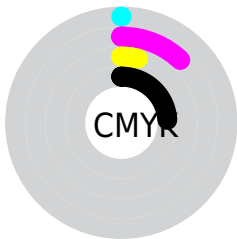
Blue (73%)



Red (76%)

Yellow (67%)

Blue (73%)

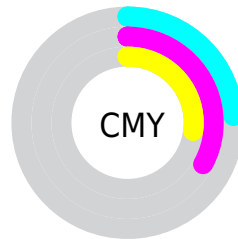


Cyan (0%)

Magenta (12%)

Yellow (4%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6321, 0.3200, 0.3087 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 43.6321, 0.3200, 0.3087 by changing the saturation by 10% instead.


 43.6321, 0.3200,
0.3087

 43.6321, 0.3200,
0.3087


361.2049, 0.3164,
0.3188

 30.3814, 0.3209,
0.3062


 80.6639, 0.3187,
0.3124

 20.1283, 0.3220,
0.3030


105.2137, 0.3182,
0.3137

 12.4883, 0.3235,
0.2987


134.2987, 0.3178,
0.3149

 7.0772, 0.3256,
0.2927

168.3032, 0.3174,
0.3159

 3.5104, 0.3287,
0.2839

207.6117, 0.3171,
0.3168

 1.4036, 0.3337,
0.2694

252.6086, 0.3169,

 0.2194, 0.3704,

0.3175

0.1693

303.6781, 0.3166,
0.3182

0.0000, 0.0000,
0.0000

43.6321, 0.3200,
0.3087

43.6321, 0.3200,
0.3087

36.6752, 0.3273,
0.2909

51.6655, 0.3138,
0.3258

30.7428, 0.3358,
0.2729

60.8132, 0.3086,
0.3420

25.7873, 0.3455,
0.2553

71.1180, 0.3042,
0.3571

21.7549, 0.3563,
0.2389

82.6188, 0.3005,
0.3711

18.5867, 0.3683,
0.2248

87.7886, 0.2973,
0.3724

■ 16.2167, 0.3809,
0.2139

■ 88.0982, 0.2941,
0.3657

■ 14.5696, 0.3939,
0.2073

■ 88.4188, 0.2910,
0.3591

■ 13.5555, 0.4068,
0.2056

■ 88.7505, 0.2879,
0.3525

■ 13.0606, 0.4170,
0.2071

■ 89.0936, 0.2849,
0.3460

Harmonies

Analogous

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



43.6321, 0.3023, 0.3009



43.6321, 0.3200, 0.3087



43.6321, 0.3361, 0.3216

Triad

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



43.6321, 0.3200, 0.3087



43.6321, 0.3378, 0.3586



43.6321, 0.2807, 0.3199

Complementary

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



43.6321, 0.3200, 0.3087



49.8654, 0.3061, 0.3502

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.



43.6321, 0.2896, 0.3361



43.6321, 0.3200, 0.3087



43.6321, 0.3224, 0.3590

Square

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



43.6321, 0.3200, 0.3087



43.6321, 0.3465, 0.3502



43.6321, 0.3048, 0.3507



43.6321, 0.2800, 0.3068

Rectangle

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



43.6321, 0.3200, 0.3087



43.6321, 0.3435, 0.3315



43.6321, 0.3048, 0.3507



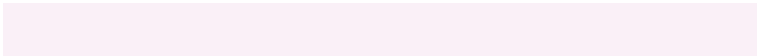
43.6321, 0.2828, 0.3252

Sweetspot

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



43.6340, 0.3200, 0.3087



89.2751, 0.3150, 0.3222



41.9379, 0.3000, 0.2987



18.9102, 0.3155, 0.3209



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.



43.6340, 0.3200, 0.3087



75.1070, 0.3216, 0.3047



43.1694, 0.3299, 0.3231



10.1934, 0.3183, 0.3131



8.7009, 0.4155, 0.2062



0.3878, 0.3896, 0.1920

Inverse Universe

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



43.6340, 0.3200, 0.3087



75.1070, 0.3216, 0.3047



50.3381, 0.2979, 0.3350



10.1934, 0.3183, 0.3131



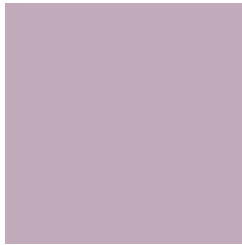
8.7009, 0.4155, 0.2062



0.3878, 0.3896, 0.1920

Previews

White Background



This preview shows how the Yxy color 43.6321, 0.3200, 0.3087 looks on a white background.

Color Contrast Check

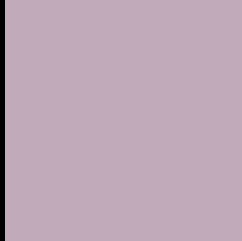
Large Text (above 18pt) WCAG AA × Fail

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 43.6321, 0.3200, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

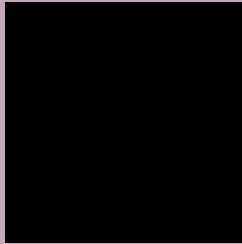
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6321, 0.3200, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 43.6321, 0.3200, 0.3087.



This preview shows how white text looks on a background with the Yxy color 43.6321, 0.3200, 0.3087.

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

43.6321, 0.3200, 0.3087

Protanopia

43.5642, 0.3023, 0.3105

Deuteranopia

43.4898, 0.3163, 0.3097



Tritanopia

43.5476, 0.3217, 0.3112

Trichromacy



Original Color

43.6321, 0.3200, 0.3087

Protanomaly

43.4631, 0.3084, 0.3094

Deuteranomaly

43.6181, 0.3172, 0.3098

Tritanomaly

43.5897, 0.3208, 0.3099

Monochromacy



Original Color

43.6321, 0.3200, 0.3087

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6184, 0.3148, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6321, 0.3200, 0.3087 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(193, 170, 186)` looks like.

```
.text, #text, p{  
    color:rgb(193, 170, 186)  
}
```

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(193, 170, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 170, 186) }
```

Border

The CSS property to change the border of an element to Yxy 43.6321, 0.3200, 0.3087 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(193, 170, 186) }
```

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

```
.border{ border-color:rgb(193, 170, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 170, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 170, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 170, 186);  
box-shadow:4px 4px 4px 4px rgb(193, 170,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6321, 0.3200, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 170, 186) }
```

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

```
.background{ background-color: rgb(193,  
170, 186) }
```

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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