

Converting Colors

$Yxy(43.4945, 0.3162, 0.3082)$

Have a look what the booklet for
Yxy(43.4945, 0.3162, 0.3082)
contains.

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Color

Yxy(43.6608, 0.3164, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	BEABBB
RGB	190, 171, 187
RGB Percent	75%, 67%, 73%
CMY	0.2547, 0.3295, 0.2666
CMYK	0.00, 0.10, 0.02, 0.25
HSL	310°, 13%, 71%
HSV	310°, 10%, 75%
XYZ	44.7789, 43.6608, 53.0864
YIQ	178.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

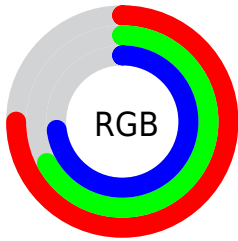
Format	Color
R _Y B	190, 171, 187
Decimal	12495803
CIE Lab	72.00, 9.74, -5.69
CIE LCh	72, 11.281, 329.733
Yxy	43.6608, 0.3164, 0.3085
Android (android.graphics.Color)	4290685883 (0xFFBEABBB)
YUV	178.5050, 4.1880, 10.0811
Hunter-Lab	66.0763, 5.3330, -1.3808

Details

The Yxy color $43.6608, 0.3164, 0.3085$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.5648, 0.3092, 0.3504$, and the grayscale version is $44.7815, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4566, 0.3156, 0.3120$, and $20.2332, 0.3177, 0.3029$ is the 20% darker color. If you saturate the color by 10%, you get $36.8637, 0.3206, 0.2874$, and if you desaturate by 10%, it is $51.4968, 0.3127, 0.3289$.

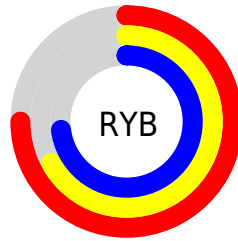
Distribution



Red (75%)

Green (67%)

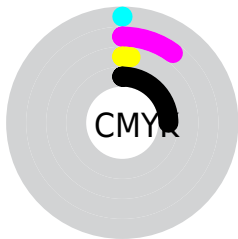
Blue (73%)



Red (75%)

Yellow (67%)

Blue (73%)

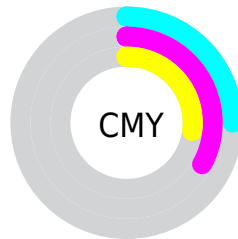


Cyan (0%)

Magenta (10%)

Yellow (2%)

Black (25%)



Cyan (25%)


Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6608, 0.3164, 0.3085 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 43.6608, 0.3164, 0.3085 by changing the saturation by 10% instead.


 43.6608, 0.3164,
0.3085

 43.6608, 0.3164,
0.3085

361.3223, 0.3146,
0.3187

 30.4039, 0.3168,
0.3060


 80.7071, 0.3158,
0.3122

 20.1454, 0.3174,
0.3027


105.2653, 0.3155,
0.3136

 12.5008, 0.3181,
0.2984


134.3594, 0.3153,
0.3148

 7.0857, 0.3190,
0.2924

168.3738, 0.3151,
0.3158

 3.5157, 0.3204,
0.2834

207.6929, 0.3150,
0.3167

 1.4066, 0.3225,
0.2688

252.7011, 0.3148,

 0.2215, 0.3426,

0.3174

0.1693

303.7828, 0.3147,
0.3181

■ 0.0000, 0.0000,
0.0000

■ 43.6608, 0.3164,
0.3085

■ 43.6608, 0.3164,
0.3085

■ 36.8637, 0.3206,
0.2874

■ 51.4968, 0.3127,
0.3289

■ 31.0559, 0.3253,
0.2661

■ 60.4072, 0.3096,
0.3483

■ 26.1923, 0.3306,
0.2454

■ 70.4328, 0.3068,
0.3665

■ 22.2220, 0.3363,
0.2260

■ 81.6109, 0.3045,
0.3833

■ 19.0895, 0.3423,
0.2090

■ 86.7476, 0.3027,
0.3879

■ 16.7329, 0.3484,
0.1953

■ 86.8929, 0.3011,
0.3844

■ 15.0817, 0.3545,
0.1856

■ 87.0412, 0.2995,
0.3809

■ 14.0528, 0.3604,
0.1804

■ 87.1923, 0.2978,
0.3774

■ 13.4822, 0.3660,
0.1790

■ 87.3462, 0.2962,
0.3739

Harmonies

Analogous

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



43.6608, 0.3003, 0.3024



43.6608, 0.3164, 0.3085



43.6608, 0.3318, 0.3197

Triad

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



43.6608, 0.3164, 0.3085



43.6608, 0.3379, 0.3553



43.6608, 0.2841, 0.3234

Complementary

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



43.6608, 0.3164, 0.3085



48.5648, 0.3092, 0.3504

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.



43.6608, 0.2937, 0.3383



43.6608, 0.3164, 0.3085



43.6608, 0.3246, 0.3571

Square

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



43.6608, 0.3164, 0.3085



43.6608, 0.3444, 0.3465



43.6608, 0.3084, 0.3509



43.6608, 0.2820, 0.3105

Rectangle

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



43.6608, 0.3164, 0.3085



43.6608, 0.3395, 0.3288



43.6608, 0.3084, 0.3509



43.6608, 0.2866, 0.3283

Sweetspot

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



43.6627, 0.3164, 0.3085



88.7805, 0.3138, 0.3229



41.8210, 0.2997, 0.3036



19.2367, 0.3141, 0.3212



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.



43.6627, 0.3164, 0.3085



76.2562, 0.3173, 0.3040



43.2751, 0.3244, 0.3204



9.6694, 0.3161, 0.3099



8.9686, 0.3653, 0.1786



0.3584, 0.3530, 0.1719

Inverse Universe

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



43.6627, 0.3164, 0.3085



76.2562, 0.3173, 0.3040



48.9424, 0.3023, 0.3378



9.6694, 0.3161, 0.3099



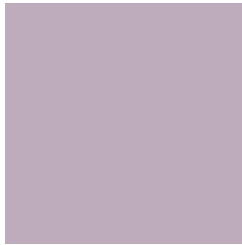
8.9686, 0.3653, 0.1786



0.3584, 0.3530, 0.1719

Previews

White Background



This preview shows how the Yxy color 43.6608, 0.3164, 0.3085 looks on a white background.

Color Contrast Check

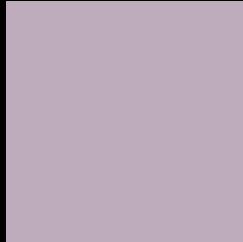
Large Text (above 18pt) WCAG AA × Fail

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 43.6608, 0.3164, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

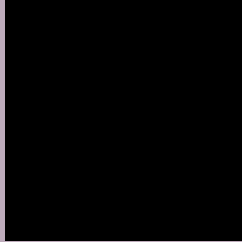
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6608, 0.3164, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 43.6608, 0.3164, 0.3085.



This preview shows how white text looks on a background with the Yxy color 43.6608, 0.3164, 0.3085.

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

43.6608, 0.3164, 0.3085

Protanopia

43.6078, 0.3016, 0.3092

Deuteranopia

43.5325, 0.3155, 0.3085



Tritanopia

43.5758, 0.3180, 0.3111

Trichromacy



Original Color

43.6608, 0.3164, 0.3085

Protanomaly

43.7700, 0.3067, 0.3094

Deuteranomaly

43.5325, 0.3155, 0.3085

Tritanomaly

43.6181, 0.3172, 0.3098

Monochromacy



Original Color

43.6608, 0.3164, 0.3085

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4953, 0.3140, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6608, 0.3164, 0.3085 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(190, 171, 187)` looks like.

```
.text, #text, p{  
    color:rgb(190, 171, 187)  
}
```

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(190, 171, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 171, 187) }
```

Border

The CSS property to change the border of an element to Yxy 43.6608, 0.3164, 0.3085 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(190, 171, 187) }
```

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

```
.border{ border-color:rgb(190, 171, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 171, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(190, 171,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6608, 0.3164, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 171, 187) }
```

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

```
.background{ background-color: rgb(190,  
171, 187) }
```

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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