

Converting Colors

Yxy(44.1331, 0.3204, 0.3146)

Have a look what the booklet for
Yxy(44.1331, 0.3204, 0.3146)
contains.

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Color

Yxy(44.0003, 0.3205, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	BFACB7
RGB	191, 172, 183
RGB Percent	75%, 67%, 72%
CMY	0.2511, 0.3254, 0.2823
CMYK	0.00, 0.10, 0.04, 0.25
HSL	325°, 13%, 71%
HSV	325°, 10%, 75%
XYZ	44.7828, 44.0003, 50.9448
YIQ	178.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

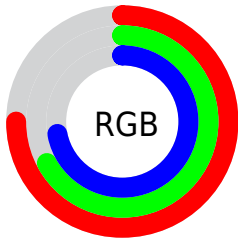
Format	Color
R_{YB}	191, 172, 183
Decimal	12561591
CIE _{Lab}	72.23, 8.77, -3.15
CIE _{LCh}	72, 9.321, 340.264
Yxy	44.0003, 0.3205, 0.3149
Android (android.graphics.Color)	4290751671 (0xFFBFACB7)
YUV	178.9350, 2.0040, 10.5810
Hunter-Lab	66.3327, 4.4273, 0.8971

Details

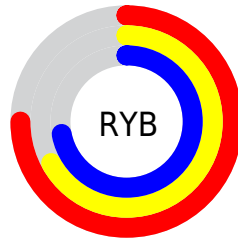
The Yxy color $44.0003, 0.3205, 0.3149$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.3166, 0.3056, 0.3435$, and the grayscale version is $45.0291, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.9443, 0.3188, 0.3170$, and $20.4479, 0.3235, 0.3116$ is the 20% darker color. If you saturate the color by 10%, you get $36.9230, 0.3299, 0.3000$, and if you desaturate by 10%, it is $52.1450, 0.3127, 0.3291$.

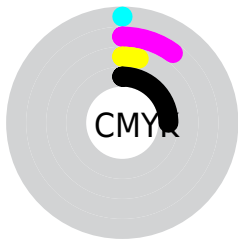
Distribution



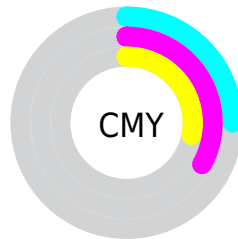
- Red (75%)
- Green (67%)
- Blue (72%)



- Red (75%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (25%)



- Cyan (25%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0003, 0.3205, 0.3149 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 44.0003, 0.3205, 0.3149 by changing the saturation by 10% instead.


 44.0003, 0.3205,
0.3149

 44.0003, 0.3205,
0.3149


362.7095, 0.3166,
0.3220

 30.6707, 0.3215,
0.3131


 81.2182, 0.3191,
0.3175

 20.3483, 0.3227,
0.3109


105.8753, 0.3186,
0.3184

 12.6484, 0.3244,
0.3079


135.0771, 0.3181,
0.3192

 7.1869, 0.3267,
0.3037

169.2079, 0.3177,
0.3199

 3.5793, 0.3302,
0.2974

208.6522, 0.3174,
0.3205

 1.4411, 0.3361,
0.2869

253.7943, 0.3171,

 0.2467, 0.3789,

0.3211

0.2084

305.0186, 0.3168,
0.3215

0.0000, 0.0000,
0.0000

44.0003, 0.3205,
0.3149

44.0003, 0.3205,
0.3149

36.9230, 0.3299,
0.3000

52.1450, 0.3127,
0.3291

30.8628, 0.3409,
0.2847

61.3934, 0.3061,
0.3424

25.7737, 0.3539,
0.2696

71.7871, 0.3007,
0.3548

21.6040, 0.3689,
0.2553

83.3639, 0.2962,
0.3662

18.2972, 0.3857,
0.2429

87.9242, 0.2921,
0.3639

■ 15.7904, 0.4041,
0.2334

■ 88.3666, 0.2879,
0.3549

■ 14.0121, 0.4235,
0.2281

■ 88.8297, 0.2837,
0.3461

■ 12.8779, 0.4430,
0.2278

■ 89.3137, 0.2797,
0.3373

■ 12.2229, 0.4622,
0.2320

■ 89.8132, 0.2757,
0.3289

Harmonies

Analogous

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



44.0003, 0.3070, 0.3081



44.0003, 0.3205, 0.3149



44.0003, 0.3321, 0.3253

Triad

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



44.0003, 0.3205, 0.3149



44.0003, 0.3301, 0.3519



44.0003, 0.2877, 0.3204

Complementary

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



44.0003, 0.3205, 0.3149



49.3166, 0.3056, 0.3435

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.



44.0003, 0.2936, 0.3324



44.0003, 0.3205, 0.3149



44.0003, 0.3180, 0.3510

Square

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



44.0003, 0.3205, 0.3149



44.0003, 0.3377, 0.3466



44.0003, 0.3047, 0.3438



44.0003, 0.2883, 0.3110

Rectangle

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



44.0003, 0.3205, 0.3149



44.0003, 0.3370, 0.3330



44.0003, 0.3047, 0.3438



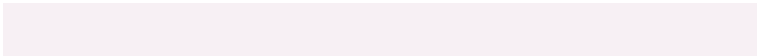
44.0003, 0.2890, 0.3242

Sweetspot

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



44.0022, 0.3205, 0.3149



88.6627, 0.3150, 0.3248



42.9625, 0.3042, 0.3042



19.2040, 0.3156, 0.3236



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.



44.0022, 0.3205, 0.3149



75.8013, 0.3225, 0.3116



43.6224, 0.3286, 0.3270



9.6268, 0.3200, 0.3158



8.0487, 0.4599, 0.2307



0.3281, 0.4181, 0.2077

Inverse Universe

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



44.0022, 0.3205, 0.3149



75.8013, 0.3225, 0.3116



49.7142, 0.2988, 0.3310



9.6268, 0.3200, 0.3158



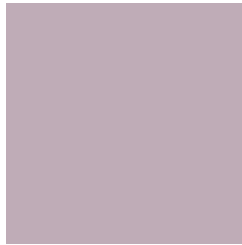
8.0487, 0.4599, 0.2307



0.3281, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 44.0003, 0.3205, 0.3149 looks on a white background.

Color Contrast Check

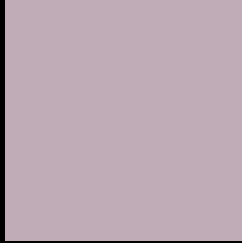
Large Text (above 18pt) WCAG AA × Fail

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 44.0003, 0.3205, 0.3149 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 44.0003, 0.3205, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 44.0003, 0.3205, 0.3149.



This preview shows how white text looks on a background with the Yxy color 44.0003, 0.3205, 0.3149.

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

44.0003, 0.3205, 0.3149

Protanopia

44.0184, 0.3072, 0.3171

Deuteranopia

44.1304, 0.3214, 0.3150



Tritanopia

44.0842, 0.3189, 0.3124

Trichromacy



Original Color

44.0003, 0.3205, 0.3149

Protanomaly

44.1879, 0.3124, 0.3173

Deuteranomaly

44.1304, 0.3214, 0.3150

Tritanomaly

44.0421, 0.3197, 0.3137

Monochromacy



Original Color

44.0003, 0.3205, 0.3149

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4132, 0.3156, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0003, 0.3205, 0.3149 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 183) }
```

Border

The CSS property to change the border of an element to Yxy 44.0003, 0.3205, 0.3149 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, 183) }
```

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

```
.border{ border-color:rgb(191, 172, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 183);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0003, 0.3205, 0.3149 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, 183) }
```

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

```
.background{ background-color: rgb(191,  
172, 183) }
```

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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