

Converting Colors

$Y_{xy}(44.1696, 0.3192, 0.3127)$

Have a look what the booklet for
Yxy(44.1696, 0.3192, 0.3127)
contains.

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Color

Yxy(44.0842, 0.3189, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	BFACB9
RGB	191, 172, 185
RGB Percent	75%, 67%, 73%
CMY	0.2508, 0.3255, 0.2746
CMYK	0.00, 0.10, 0.03, 0.25
HSL	319°, 13%, 71%
HSV	319°, 10%, 75%
XYZ	45.0014, 44.0842, 52.0290
YIQ	179.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

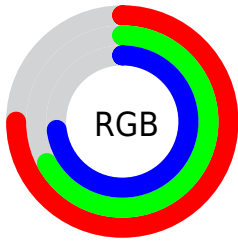
Format	Color
R_{YB}	191, 172, 185
Decimal	12561593
CIE _{Lab}	72.28, 9.16, -4.14
CIE _{LCh}	72, 10.058, 335.665
Yxy	44.0842, 0.3189, 0.3124
Android (android.graphics.Color)	4290751673 (0xFFBFACB9)
YUV	179.1630, 2.8776, 10.3810
Hunter-Lab	66.3959, 4.7898, 0.0165

Details

The Yxy color $44.0842, 0.3189, 0.3124$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.2649, 0.3070, 0.3462$, and the grayscale version is $45.1551, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0632, 0.3175, 0.3150$, and $20.5022, 0.3211, 0.3082$ is the 20% darker color. If you saturate the color by 10%, you get $37.0790, 0.3262, 0.2950$, and if you desaturate by 10%, it is $52.1495, 0.3127, 0.3290$.

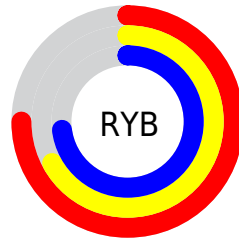
Distribution



Red (75%)

Green (67%)

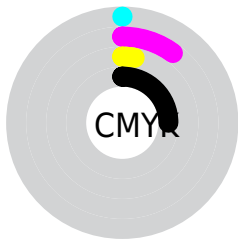
Blue (73%)



Red (75%)

Yellow (67%)

Blue (73%)

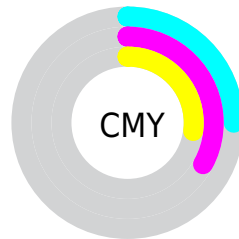


Cyan (0%)

Magenta (10%)

Yellow (3%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0842, 0.3189, 0.3124 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 44.0842, 0.3189, 0.3124 by changing the saturation by 10% instead.


 44.0842, 0.3189,
0.3124

 44.0842, 0.3189,
0.3124

363.0518, 0.3158,
0.3207

 30.7367, 0.3197,
0.3103


 81.3444, 0.3178,
0.3154

 20.3984, 0.3206,
0.3077


106.0260, 0.3174,
0.3165

 12.6850, 0.3219,
0.3042

135.2543, 0.3170,
0.3175

 7.2120, 0.3237,
0.2993

169.4138, 0.3167,
0.3183

 3.5950, 0.3264,
0.2920

208.8889, 0.3165,
0.3190

 1.4497, 0.3307,
0.2800

254.0640, 0.3162,

 0.2529, 0.3620,

0.3196

0.1973

305.3235, 0.3160,
0.3202

0.0000, 0.0000,
0.0000

44.0842, 0.3189,
0.3124

44.0842, 0.3189,
0.3124

37.0790, 0.3262,
0.2950

52.1495, 0.3127,
0.3290

31.0836, 0.3347,
0.2773

61.3110, 0.3075,
0.3447

26.0522, 0.3446,
0.2599

71.6102, 0.3031,
0.3594

21.9332, 0.3557,
0.2434

83.0846, 0.2995,
0.3729

18.6703, 0.3679,
0.2290

87.5252, 0.2962,
0.3727

■ 16.2006, 0.3810,
0.2176

■ 87.8437, 0.2930,
0.3658

■ 14.4528, 0.3946,
0.2103

■ 88.1739, 0.2898,
0.3589

■ 13.3425, 0.4082,
0.2078

■ 88.5160, 0.2866,
0.3522

■ 12.7041, 0.4216,
0.2096

■ 88.8700, 0.2835,
0.3455

Harmonies

Analogous

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



44.0842, 0.3044, 0.3059



44.0842, 0.3189, 0.3124



44.0842, 0.3320, 0.3231

Triad

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



44.0842, 0.3189, 0.3124



44.0842, 0.3331, 0.3532



44.0842, 0.2863, 0.3215

Complementary

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



44.0842, 0.3189, 0.3124



49.2649, 0.3070, 0.3462

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.



44.0842, 0.2937, 0.3347



44.0842, 0.3189, 0.3124



44.0842, 0.3206, 0.3534

Square

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



44.0842, 0.3189, 0.3124



44.0842, 0.3403, 0.3465



44.0842, 0.3061, 0.3465



44.0842, 0.2859, 0.3108

Rectangle

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



44.0842, 0.3189, 0.3124



44.0842, 0.3380, 0.3313



44.0842, 0.3061, 0.3465



44.0842, 0.2881, 0.3258

Sweetspot

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



44.0861, 0.3189, 0.3124



88.7086, 0.3145, 0.3240



42.7335, 0.3025, 0.3040



19.2168, 0.3150, 0.3227



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.



44.0861, 0.3189, 0.3124



75.9769, 0.3204, 0.3086



43.6981, 0.3270, 0.3245



9.6433, 0.3185, 0.3135



8.3591, 0.4199, 0.2087



0.3388, 0.3908, 0.1926

Inverse Universe

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



44.0861, 0.3189, 0.3124



75.9769, 0.3204, 0.3086



49.6602, 0.3001, 0.3335



9.6433, 0.3185, 0.3135



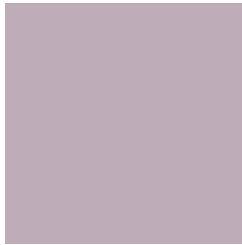
8.3591, 0.4199, 0.2087



0.3388, 0.3908, 0.1926

Previews

White Background



This preview shows how the Yxy color 44.0842, 0.3189, 0.3124 looks on a white background.

Color Contrast Check

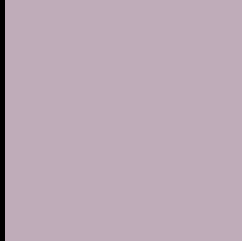
Large Text (above 18pt) WCAG AA × Fail

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 44.0842, 0.3189, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

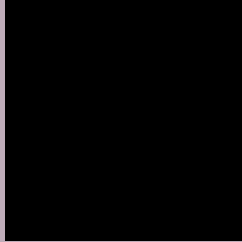
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0842, 0.3189, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 44.0842, 0.3189, 0.3124.



This preview shows how white text looks on a background with the Yxy color 44.0842, 0.3189, 0.3124.

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

44.0842, 0.3189, 0.3124

Protanopia

44.1465, 0.3048, 0.3132

Deuteranopia

44.0842, 0.3189, 0.3124



Tritanopia

44.0842, 0.3189, 0.3124

Trichromacy



Original Color

44.0842, 0.3189, 0.3124

Protanomaly

44.3151, 0.3100, 0.3134

Deuteranomaly

44.0842, 0.3189, 0.3124

Tritanomaly

44.0842, 0.3189, 0.3124

Monochromacy



Original Color

44.0842, 0.3189, 0.3124

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4541, 0.3148, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0842, 0.3189, 0.3124 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(191, 172, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 172, 185) }
```

Border

The CSS property to change the border of an element to Yxy 44.0842, 0.3189, 0.3124 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, 185) }
```

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

```
.border{ border-color:rgb(191, 172, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 172, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 172, 185);  
box-shadow:4px 4px 4px 4px rgb(191, 172,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0842, 0.3189, 0.3124 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, 185) }
```

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

```
.background{ background-color: rgb(191,  
172, 185) }
```

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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