

Converting Colors

$Y_{xy}(44.3421, 0.3132, 0.3191)$

Have a look what the booklet for
Yxy(44.3421, 0.3132, 0.3191)
contains.

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Color

Yxy(44.1461, 0.3132, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	B7AFB7
RGB	183, 175, 183
RGB Percent	72%, 69%, 72%
CMY	0.2823, 0.3137, 0.2822
CMYK	0.00, 0.04, 0.00, 0.28
HSL	300°, 5%, 70%
HSV	300°, 4%, 72%
XYZ	43.4115, 44.1461, 51.0487
YIQ	178.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

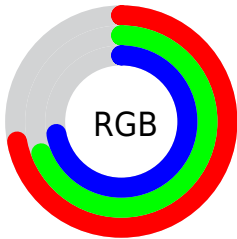
Format	Color
R_{YB}	183, 175, 183
Decimal	12038071
CIE Lab	72.33, 4.34, -3.09
CIE LCh	72, 5.326, 324.602
Yxy	44.1461, 0.3132, 0.3185
Android (android.graphics.Color)	4290228151 (0xFFB7AFB7)
YUV	178.3040, 2.3151, 4.1184
Hunter-Lab	66.4425, 0.3519, 0.9565

Details

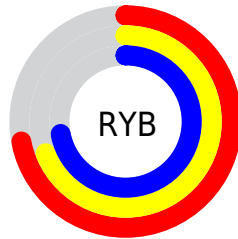
The Yxy color **44.1461, 0.3132, 0.3185** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.0890, 0.3122, 0.3397**, and the grayscale version is **44.6798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7345, 0.3131, 0.3209**, and **20.5234, 0.3133, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **37.4971, 0.3143, 0.2940**, and if you desaturate by 10%, it is **51.7646, 0.3121, 0.3421**.

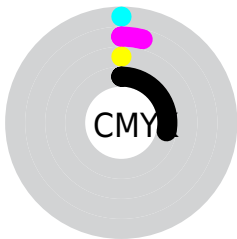
Distribution



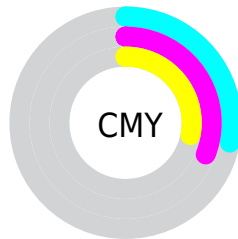
- Red (72%)
- Green (69%)
- Blue (72%)



- Red (72%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)





- Cyan (28%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1461, 0.3132, 0.3185 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 44.1461, 0.3132, 0.3185 by changing the saturation by 10% instead.


 44.1461, 0.3132,
0.3185

 44.1461, 0.3132,
0.3185


363.3041, 0.3130,
0.3238

 30.7854, 0.3133,
0.3172


 81.4375, 0.3131,
0.3204

 20.4355, 0.3133,
0.3155


106.1371, 0.3131,
0.3211

 12.7120, 0.3134,
0.3132


135.3850, 0.3131,
0.3217

 7.2305, 0.3135,
0.3100

169.5657, 0.3130,
0.3223

 3.6067, 0.3136,
0.3053

209.0635, 0.3130,
0.3227

 1.4561, 0.3138,
0.2973

254.2630, 0.3130,

 0.2575, 0.3176,

0.3231

0.2332

305.5484, 0.3130,
0.3235

0.0000, 0.0000,
0.0000

44.1461, 0.3132,
0.3185

44.1461, 0.3132,
0.3185

37.4971, 0.3143,
0.2940

51.7646, 0.3121,
0.3421

31.7733, 0.3155,
0.2693

60.3833, 0.3111,
0.3645

26.9353, 0.3166,
0.2451

70.0386, 0.3101,
0.3853

22.9391, 0.3176,
0.2222

80.7633, 0.3092,
0.4045

19.7364, 0.3185,
0.2016

85.0237, 0.3089,
0.4112

■ 17.2744, 0.3193,
0.1842

■ 85.0265, 0.3089,
0.4112

■ 15.4937, 0.3199,
0.1706

■ 85.0292, 0.3089,
0.4112

■ 14.3258, 0.3203,
0.1612

■ 85.0320, 0.3090,
0.4112

■ 13.6881, 0.3205,
0.1559

■ 85.0347, 0.3090,
0.4112

Harmonies

Analogous

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



44.1461, 0.3058, 0.3161



44.1461, 0.3132, 0.3185



44.1461, 0.3206, 0.3236

Triad

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



44.1461, 0.3132, 0.3185



44.1461, 0.3253, 0.3409



44.1461, 0.2997, 0.3277

Complementary

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



44.1461, 0.3132, 0.3185



46.0890, 0.3122, 0.3397

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.



44.1461, 0.3048, 0.3345



44.1461, 0.3132, 0.3185



44.1461, 0.3196, 0.3422

Square

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



44.1461, 0.3132, 0.3185



44.1461, 0.3276, 0.3365



44.1461, 0.3121, 0.3399



44.1461, 0.2980, 0.3213

Rectangle

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



44.1461, 0.3132, 0.3185



44.1461, 0.3245, 0.3279



44.1461, 0.3121, 0.3399



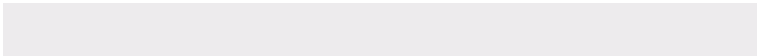
44.1461, 0.3011, 0.3300

Sweetspot

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



44.1480, 0.3132, 0.3185



83.4430, 0.3128, 0.3266



43.2438, 0.3062, 0.3184



18.4455, 0.3128, 0.3267



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.1480, 0.3132, 0.3185



78.1598, 0.3133, 0.3168



43.9897, 0.3164, 0.3236



9.7362, 0.3133, 0.3156



9.3893, 0.3206, 0.1540



0.3312, 0.3207, 0.1540

Inverse Universe

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



43.8244, 0.3198, 0.3290



77.4921, 0.3210, 0.3290



46.2427, 0.3092, 0.3345



9.6440, 0.3219, 0.3290



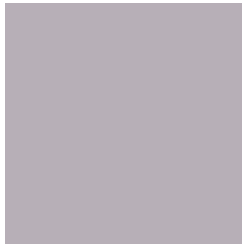
7.0235, 0.6399, 0.3299



0.2477, 0.6393, 0.3295

Previews

White Background



This preview shows how the Yxy color 44.1461, 0.3132, 0.3185 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 44.1461, 0.3132, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

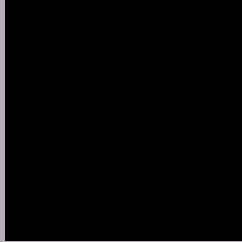
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

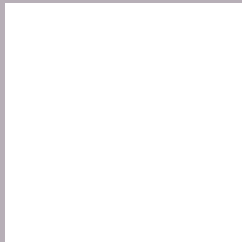
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1461, 0.3132, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 44.1461, 0.3132, 0.3185.



This preview shows how white text looks on a background with the Yxy color 44.1461, 0.3132, 0.3185.

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

44.1461, 0.3132, 0.3185

Protanopia

44.0951, 0.3089, 0.3185

Deuteranopia

44.1722, 0.3206, 0.3137



Tritanopia

44.0933, 0.3101, 0.3109

Trichromacy



Original Color

44.1461, 0.3132, 0.3185

Protanomaly

44.2147, 0.3097, 0.3185

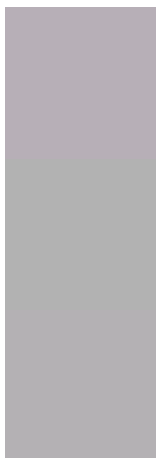
Deuteranomaly

44.1666, 0.3178, 0.3149

Tritanomaly

44.0076, 0.3117, 0.3134

Monochromacy



Original Color

44.1461, 0.3132, 0.3185

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4429, 0.3129, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1461, 0.3132, 0.3185 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(183, 175, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 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(183, 175, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 183) }
```

Border

The CSS property to change the border of an element to Yxy 44.1461, 0.3132, 0.3185 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(183, 175, 183) }
```

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

```
.border{ border-color:rgb(183, 175, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1461, 0.3132, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 183) }
```

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

```
.background{ background-color: rgb(183,  
175, 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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