

Converting Colors

Yxy(44.8699, 0.3132, 0.3189)

Have a look what the booklet for
Yxy(44.8699, 0.3132, 0.3189)
contains.

Yxy(44.7017, 0.3132, 0.3186)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.7017, 0.3132, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	B8B0B8
RGB	184, 176, 184
RGB Percent	72%, 69%, 72%
CMY	0.2784, 0.3098, 0.2784
CMYK	0.00, 0.04, 0.00, 0.28
HSL	300°, 5%, 71%
HSV	300°, 4%, 72%
XYZ	43.9440, 44.7017, 51.6609
YIQ	179.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

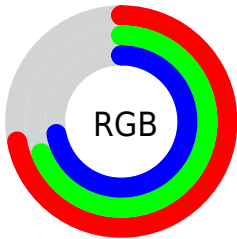
Format	Color
RYB	184, 176, 184
Decimal	12103864
CIELab	72.70, 4.32, -3.07
CIELCh	73, 5.298, 324.616
Yxy	44.7017, 0.3132, 0.3186
Android (android.graphics.Color)	4290293944 (0xFFB8B0B8)
YUV	179.3040, 2.3151, 4.1184
Hunter-Lab	66.8593, 0.3173, 0.9893

Details

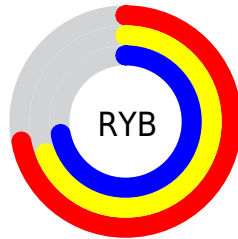
The Yxy color **44.7017, 0.3132, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.6485, 0.3122, 0.3396**, and the grayscale version is **45.2373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5298, 0.3131, 0.3209**, and **20.8793, 0.3133, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **37.9688, 0.3143, 0.2941**, and if you desaturate by 10%, it is **52.4165, 0.3121, 0.3422**.

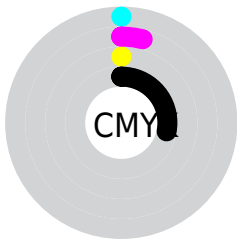
Distribution



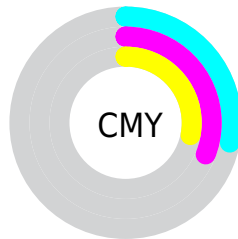
- Red (72%)
- Green (69%)
- Blue (72%)



- 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 44.7017, 0.3132, 0.3186 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 44.7017, 0.3132, 0.3186 by changing the saturation by 10% instead.

■ 44.7017, 0.3132,
0.3186

■ 44.7017, 0.3132,
0.3186

365.5641, 0.3130,
0.3238

■ 31.2225, 0.3133,
0.3173

■ 82.2726, 0.3131,
0.3205

■ 20.7684, 0.3133,
0.3156

107.1331, 0.3131,
0.3212

■ 12.9548, 0.3134,
0.3134

136.5562, 0.3131,
0.3218

■ 7.3974, 0.3135,
0.3103

170.9263, 0.3130,
0.3223

■ 3.7119, 0.3136,
0.3056

210.6277, 0.3130,
0.3228

■ 1.5137, 0.3138,
0.2978

256.0449, 0.3130,

■ 0.2984, 0.3171,

0.3232

0.2432

307.5622, 0.3130,
0.3235

0.0000, 0.0000,
0.0000

44.7017, 0.3132,
0.3186

44.7017, 0.3132,
0.3186

37.9688, 0.3143,
0.2941

52.4165, 0.3121,
0.3422

32.1729, 0.3155,
0.2694

61.1444, 0.3111,
0.3646

27.2743, 0.3166,
0.2451

70.9221, 0.3101,
0.3854

23.2281, 0.3177,
0.2223

81.7830, 0.3092,
0.4046

19.9858, 0.3186,
0.2017

85.1775, 0.3089,
0.4099

■ 17.4935, 0.3194,
0.1842

■ 85.1788, 0.3090,
0.4099

■ 15.6913, 0.3200,
0.1707

■ 85.1801, 0.3090,
0.4099

■ 14.5098, 0.3205,
0.1613

■ 85.1814, 0.3090,
0.4099

■ 13.8653, 0.3207,
0.1560

■ 85.1827, 0.3090,
0.4099

Harmonies

Analogous

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



44.7017, 0.3058, 0.3163



44.7017, 0.3132, 0.3186



44.7017, 0.3205, 0.3236

Triad

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



44.7017, 0.3132, 0.3186



44.7017, 0.3252, 0.3408



44.7017, 0.2998, 0.3277

Complementary

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



44.7017, 0.3132, 0.3186



46.6485, 0.3122, 0.3396

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.



44.7017, 0.3049, 0.3345



44.7017, 0.3132, 0.3186



44.7017, 0.3195, 0.3421

Square

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



44.7017, 0.3132, 0.3186



44.7017, 0.3275, 0.3364



44.7017, 0.3121, 0.3398



44.7017, 0.2982, 0.3214

Rectangle

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



44.7017, 0.3132, 0.3186



44.7017, 0.3244, 0.3279



44.7017, 0.3121, 0.3398



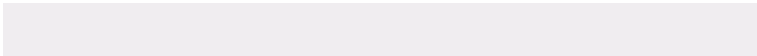
44.7017, 0.3012, 0.3300

Sweetspot

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



44.7036, 0.3132, 0.3186



85.4900, 0.3128, 0.3266



43.7964, 0.3063, 0.3185



18.4456, 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.



44.7036, 0.3132, 0.3186



80.0752, 0.3133, 0.3168



44.5442, 0.3164, 0.3236



9.7364, 0.3133, 0.3156



9.3994, 0.3208, 0.1541



0.3314, 0.3208, 0.1541

Inverse Universe

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



44.3783, 0.3198, 0.3290



79.3889, 0.3210, 0.3290



46.8032, 0.3092, 0.3345



9.6440, 0.3219, 0.3290



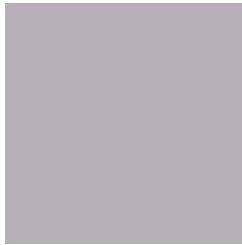
7.0233, 0.6400, 0.3299



0.2476, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 44.7017, 0.3132, 0.3186 looks on a white background.

Color Contrast Check

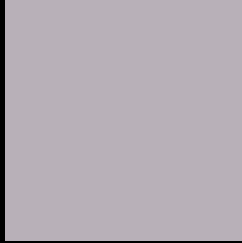
Large Text (above 18pt) WCAG AA × Fail

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 44.7017, 0.3132, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

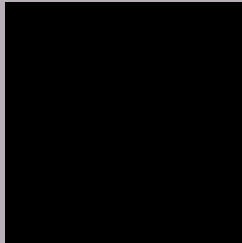
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

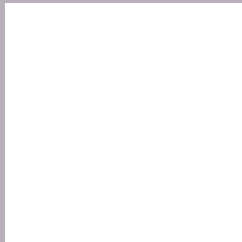
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.7017, 0.3132, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 44.7017, 0.3132, 0.3186.



This preview shows how white text looks on a background with the Yxy color 44.7017, 0.3132, 0.3186.

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

44.7017, 0.3132, 0.3186

Protanopia

44.6504, 0.3089, 0.3185

Deuteranopia

44.7274, 0.3206, 0.3138



Tritanopia

44.6484, 0.3101, 0.3110

Trichromacy



Original Color

44.7017, 0.3132, 0.3186

Protanomaly

44.7708, 0.3097, 0.3185

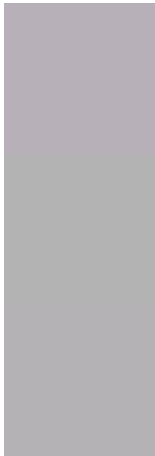
Deuteranomaly

44.7220, 0.3178, 0.3149

Tritanomaly

44.5621, 0.3117, 0.3135

Monochromacy



Original Color

44.7017, 0.3132, 0.3186

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.0007, 0.3129, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7017, 0.3132, 0.3186 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(184, 176, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 176, 184)  
}
```

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(184, 176, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 176, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.7017, 0.3132, 0.3186 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(184, 176, 184) }
```

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

```
.border{ border-color:rgb(184, 176, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 176, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 176, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 176, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 176,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7017, 0.3132, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 176, 184) }
```

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

```
.background{ background-color: rgb(184,  
176, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor