

Converting Colors

$Yxy(44.8334, 0.3111, 0.3175)$

Have a look what the booklet for
Yxy(44.8334, 0.3111, 0.3175)
contains.

Yxy(45.0143, 0.3115, 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(45.0143, 0.3115, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	B7B1B9
RGB	183, 177, 185
RGB Percent	72%, 69%, 73%
CMY	0.2822, 0.3059, 0.2745
CMYK	0.01, 0.04, 0.00, 0.27
HSL	285°, 5%, 71%
HSV	285°, 4%, 73%
XYZ	44.0112, 45.0143, 52.2624
YIQ	179.7060, 1.0080, 3.7600

Conversions

Conversions Part 2

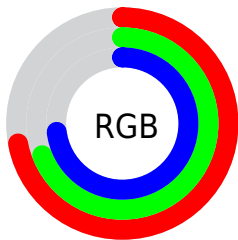
Format	Color
R_{YB}	183, 177, 185
Decimal	12038585
CIE _{Lab}	72.90, 3.63, -3.32
CIE _{LCh}	73, 4.914, 317.572
Y _{xy}	45.0143, 0.3115, 0.3186
Android (android.graphics.Color)	4290228665 (0xFFB7B1B9)
Y _{UV}	179.7060, 2.6099, 2.8888
Hunter-Lab	67.0927, -0.3206, 0.7805

Details

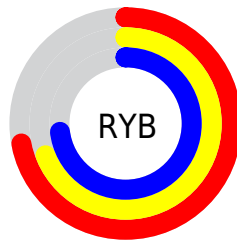
The Yxy color **45.0143, 0.3115, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4476, 0.3139, 0.3395**, and the grayscale version is **45.4638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9794, 0.3118, 0.3209**, and **20.8271, 0.3110, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **37.6484, 0.3083, 0.2935**, and if you desaturate by 10%, it is **53.3927, 0.3142, 0.3422**.

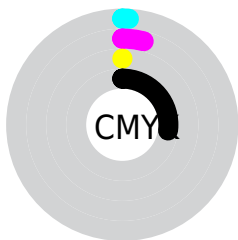
Distribution



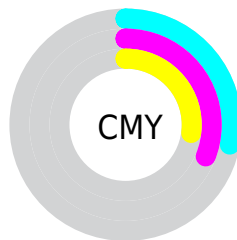
- Red (72%)
- Green (69%)
- Blue (73%)



- Red (72%)
- Yellow (69%)
- Blue (73%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)



- Cyan (28%)
- Magenta (31%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0143, 0.3115, 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 45.0143, 0.3115, 0.3186 by changing the saturation by 10% instead.

■ 45.0143, 0.3115,
0.3186

■ 45.0143, 0.3115,
0.3186

366.8315, 0.3121,
0.3238

■ 31.4687, 0.3113,
0.3173

■ 82.7419, 0.3117,
0.3205

■ 20.9560, 0.3111,
0.3156

107.6926, 0.3118,
0.3212

■ 13.0918, 0.3108,
0.3134

137.2139, 0.3119,
0.3218

■ 7.4918, 0.3104,
0.3103

171.6900, 0.3120,
0.3223

■ 3.7715, 0.3098,
0.3056

211.5055, 0.3120,
0.3228

■ 1.5466, 0.3086,
0.2979

257.0446, 0.3121,

■ 0.3212, 0.3038,

0.3232

0.2477

308.6918, 0.3121,
0.3235

0.0000, 0.0000,
0.0000

45.0143, 0.3115,
0.3186

45.0143, 0.3115,
0.3186

37.6484, 0.3083,
0.2935

53.3927, 0.3142,
0.3422

31.2495, 0.3044,
0.2674

62.8154, 0.3163,
0.3641

25.7770, 0.2998,
0.2408

73.3198, 0.3180,
0.3842

21.1855, 0.2947,
0.2146

84.9398, 0.3193,
0.4024

17.4254, 0.2889,
0.1898

88.1095, 0.3218,
0.4056

■ 14.4421, 0.2827,
0.1675

■ 88.7687, 0.3247,
0.4049

■ 12.1748, 0.2761,
0.1488

■ 89.4468, 0.3276,
0.4042

■ 10.5528, 0.2695,
0.1344

■ 90.1440, 0.3306,
0.4035

■ 9.4912, 0.2630,
0.1245

■ 90.8605, 0.3336,
0.4028

Harmonies

Analogous

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



45.0143, 0.3049, 0.3171



45.0143, 0.3115, 0.3186



45.0143, 0.3185, 0.3228

Triad

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



45.0143, 0.3115, 0.3186



45.0143, 0.3251, 0.3392



45.0143, 0.3016, 0.3293

Complementary

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



45.0143, 0.3115, 0.3186



47.4476, 0.3139, 0.3395

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.



45.0143, 0.3069, 0.3354



45.0143, 0.3115, 0.3186



45.0143, 0.3205, 0.3411

Square

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



45.0143, 0.3115, 0.3186



45.0143, 0.3263, 0.3346



45.0143, 0.3138, 0.3397



45.0143, 0.2993, 0.3232

Rectangle

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



45.0143, 0.3115, 0.3186



45.0143, 0.3224, 0.3266



45.0143, 0.3138, 0.3397



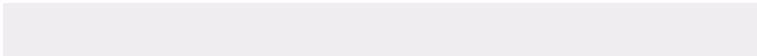
45.0143, 0.3031, 0.3314

Sweetspot

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



45.0162, 0.3115, 0.3186



85.3875, 0.3124, 0.3266



45.0878, 0.3063, 0.3211



18.4246, 0.3125, 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.



45.0162, 0.3115, 0.3186



79.5659, 0.3113, 0.3167



45.1751, 0.3148, 0.3212



9.6676, 0.3111, 0.3155



6.1894, 0.2602, 0.1207



0.2452, 0.2767, 0.1298

Inverse Universe

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



45.0096, 0.3181, 0.3265



79.5533, 0.3191, 0.3260



47.2955, 0.3107, 0.3369



9.6660, 0.3198, 0.3257



7.1645, 0.5912, 0.3031



0.2627, 0.5170, 0.2621

Previews

White Background



This preview shows how the Yxy color 45.0143, 0.3115, 0.3186 looks on a white background.

Color Contrast Check

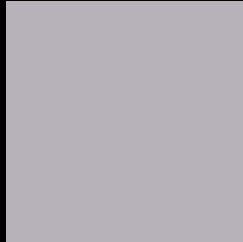
Large Text (above 18pt) WCAG AA × Fail

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 45.0143, 0.3115, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

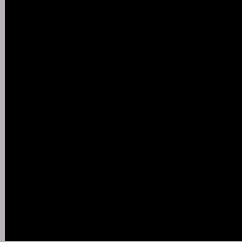
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

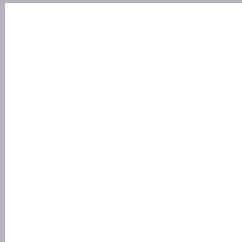
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.0143, 0.3115, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 45.0143, 0.3115, 0.3186.

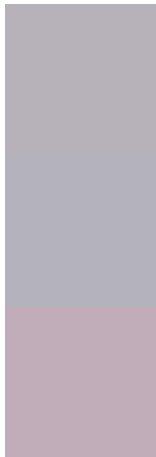


This preview shows how white text looks on a background with the Yxy color 45.0143, 0.3115, 0.3186.

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

45.0143, 0.3115, 0.3186

Protanopia

45.0893, 0.3080, 0.3185

Deuteranopia

44.7698, 0.3197, 0.3125



Tritanopia

44.9587, 0.3084, 0.3109

Trichromacy



Original Color

45.0143, 0.3115, 0.3186

Protanomaly

45.2097, 0.3089, 0.3186

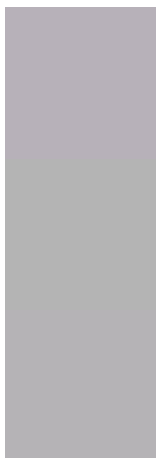
Deuteranomaly

44.6361, 0.3161, 0.3136

Tritanomaly

44.8719, 0.3100, 0.3135

Monochromacy



Original Color

45.0143, 0.3115, 0.3186

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4414, 0.3120, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0143, 0.3115, 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(183, 177, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 177, 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(183, 177, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 177, 185) }
```

Border

The CSS property to change the border of an element to Yxy 45.0143, 0.3115, 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(183, 177, 185) }
```

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

```
.border{ border-color:rgb(183, 177, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 177, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 177, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 177, 185);  
box-shadow:4px 4px 4px 4px rgb(183, 177,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0143, 0.3115, 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(183, 177, 185) }
```

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

```
.background{ background-color: rgb(183,  
177, 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](#).

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