

Converting Colors

$Yxy(44.4378, 0.3288, 0.3152)$

Have a look what the booklet for
Yxy(44.4378, 0.3288, 0.3152)
contains.

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Color

Yxy(44.6453, 0.3288, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	C7ABB6
RGB	199, 171, 182
RGB Percent	78%, 67%, 71%
CMY	0.2194, 0.3295, 0.2862
CMYK	0.00, 0.14, 0.09, 0.22
HSL	336°, 20%, 73%
HSV	336°, 14%, 78%
XYZ	46.5716, 44.6453, 50.4243
YIQ	180.6260, 13.1570, 9.3570

Conversions

Conversions Part 2

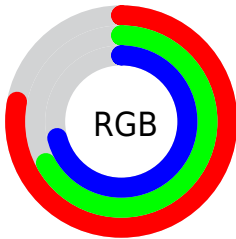
Format	Color
R _{YB}	199, 171, 182
Decimal	13085622
CIE Lab	72.66, 12.04, -1.88
CIE LCh	73, 12.183, 351.136
Yxy	44.6453, 0.3288, 0.3152
Android (android.graphics.Color)	4291275702 (0xFFC7ABB6)
YUV	180.6260, 0.6774, 16.1140
Hunter-Lab	66.8171, 7.4847, 2.0282

Details

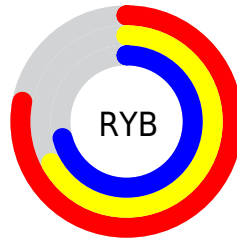
The Yxy color **44.6453, 0.3288, 0.3152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.1616, 0.2990, 0.3432**, and the grayscale version is **45.9911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8258, 0.3251, 0.3172**, and **20.7984, 0.3336, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **37.2075, 0.3432, 0.3048**, and if you desaturate by 10%, it is **53.2626, 0.3169, 0.3251**.

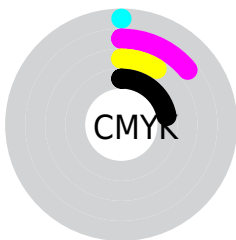
Distribution



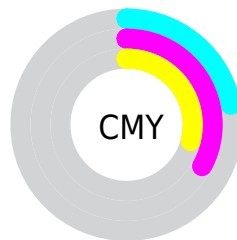
- Red (78%)
- Green (67%)
- Blue (71%)



- Red (78%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (22%)




- Cyan (22%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6453, 0.3288, 0.3152 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 44.6453, 0.3288, 0.3152 by changing the saturation by 10% instead.

 44.6453, 0.3288,
0.3152

 44.6453, 0.3288,
0.3152


365.3351, 0.3207,
0.3221

 31.1781, 0.3308,
0.3135


 82.1879, 0.3259,
0.3177

 20.7345, 0.3334,
0.3113


107.0321, 0.3248,
0.3186

 12.9301, 0.3369,
0.3083


136.4375, 0.3238,
0.3194

 7.3804, 0.3418,
0.3042

170.7883, 0.3230,
0.3201

 3.7011, 0.3492,
0.2980

210.4692, 0.3223,
0.3207

 1.5078, 0.3616,
0.2879

255.8643, 0.3217,

 0.2942, 0.4347,

0.3212

0.2230

307.3581, 0.3212,
0.3217

0.0000, 0.0000,
0.0000

44.6453, 0.3288,
0.3152

44.6453, 0.3288,
0.3152

37.2075, 0.3432,
0.3048

53.2626, 0.3169,
0.3251

30.8918, 0.3606,
0.2942

63.1017, 0.3072,
0.3344

25.6446, 0.3814,
0.2839

74.2104, 0.2992,
0.3430

21.4058, 0.4058,
0.2747

86.6318, 0.2927,
0.3508

18.1092, 0.4335,
0.2676

90.1075, 0.2864,
0.3422

■ 15.6806, 0.4638,
0.2639

■ 90.8598, 0.2802,
0.3294

■ 14.0346, 0.4951,
0.2647

■ 90.8900, 0.2800,
0.3289

■ 13.0676, 0.5252,
0.2708

■ 12.7029, 0.5420,
0.2759

Harmonies

Analogous

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



44.6453, 0.3116, 0.3046



44.6453, 0.3288, 0.3152



44.6453, 0.3419, 0.3294

Triad

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



44.6453, 0.3288, 0.3152



44.6453, 0.3300, 0.3595



44.6453, 0.2796, 0.3126

Complementary

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



44.6453, 0.3288, 0.3152



53.1616, 0.2990, 0.3432

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.



44.6453, 0.2843, 0.3275



44.6453, 0.3288, 0.3152



44.6453, 0.3131, 0.3552

Square

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



44.6453, 0.3288, 0.3152



44.6453, 0.3425, 0.3551



44.6453, 0.2964, 0.3433



44.6453, 0.2835, 0.3027

Rectangle

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



44.6453, 0.3288, 0.3152



44.6453, 0.3463, 0.3393



44.6453, 0.2964, 0.3433



44.6453, 0.2803, 0.3172

Sweetspot

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



44.6473, 0.3288, 0.3152



93.2714, 0.3169, 0.3252



43.9151, 0.3046, 0.2935



19.7015, 0.3177, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



44.6473, 0.3288, 0.3152



73.8114, 0.3330, 0.3120



45.2808, 0.3380, 0.3326



10.7048, 0.3229, 0.3200



8.1791, 0.5385, 0.2740



0.4015, 0.4828, 0.2433

Inverse Universe

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



44.6473, 0.3288, 0.3152



73.8114, 0.3330, 0.3120



52.3751, 0.2914, 0.3253



10.7048, 0.3229, 0.3200



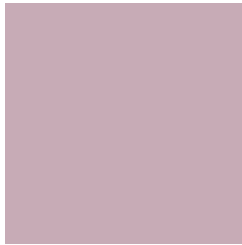
8.1791, 0.5385, 0.2740



0.4015, 0.4828, 0.2433

Previews

White Background



This preview shows how the Yxy color 44.6453, 0.3288, 0.3152 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 44.6453, 0.3288, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

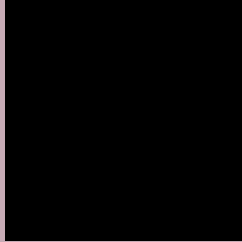
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6453, 0.3288, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 44.6453, 0.3288, 0.3152.



This preview shows how white text looks on a background with the Yxy color 44.6453, 0.3288, 0.3152.

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

44.6453, 0.3288, 0.3152

Protanopia

44.5732, 0.3072, 0.3172

Deuteranopia

44.7339, 0.3240, 0.3176



Tritanopia

44.7286, 0.3270, 0.3128

Trichromacy



Original Color

44.6453, 0.3288, 0.3152

Protanomaly

44.6018, 0.3142, 0.3161

Deuteranomaly

44.6182, 0.3259, 0.3164

Tritanomaly

44.6868, 0.3279, 0.3140

Monochromacy



Original Color

44.6453, 0.3288, 0.3152

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4718, 0.3191, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6453, 0.3288, 0.3152 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(199, 171, 182)` looks like.

```
.text, #text, p{  
    color:rgb(199, 171, 182)  
}
```

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(199, 171, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 171, 182) }
```

Border

The CSS property to change the border of an element to Yxy 44.6453, 0.3288, 0.3152 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(199, 171, 182) }
```

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

```
.border{ border-color:rgb(199, 171, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 171, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 171, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 171, 182);  
box-shadow:4px 4px 4px 4px rgb(199, 171,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6453, 0.3288, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 171, 182) }
```

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

```
.background{ background-color: rgb(199,  
171, 182) }
```

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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