

Converting Colors

$Yxy(45.6941, 0.3233, 0.3033)$

Have a look what the booklet for
Yxy(45.6941, 0.3233, 0.3033)
contains.

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Color

Yxy(45.6281, 0.3237, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	CBABC0
RGB	203, 171, 192
RGB Percent	80%, 67%, 75%
CMY	0.2041, 0.3293, 0.2470
CMYK	0.00, 0.16, 0.05, 0.20
HSL	321°, 23%, 73%
HSV	321°, 16%, 80%
XYZ	48.6971, 45.6281, 56.1137
YIQ	182.9620, 12.3310, 13.3150

Conversions

Conversions Part 2

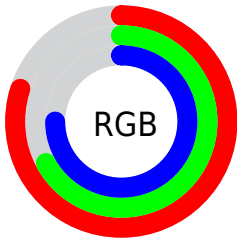
Format	Color
R_{YB}	203, 171, 192
Decimal	13347776
CIE _{Lab}	73.30, 15.16, -6.38
CIE _{LCh}	73, 16.448, 337.187
Yxy	45.6281, 0.3237, 0.3033
Android (android.graphics.Color)	4291537856 (0xFFCBABC0)
YUV	182.9620, 4.4557, 17.5733
Hunter-Lab	67.5486, 10.4740, -1.9692

Details

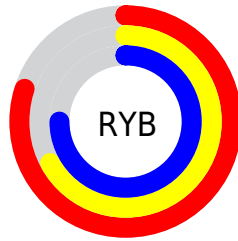
The Yxy color $45.6281, 0.3237, 0.3033$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $54.7266, 0.3032, 0.3562$, and the grayscale version is $47.3011, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.4300, 0.3185, 0.3075$, and $21.4473, 0.3266, 0.2962$ is the 20% darker color. If you saturate the color by 10%, you get $38.2401, 0.3323, 0.2862$, and if you desaturate by 10%, it is $54.2119, 0.3164, 0.3199$.

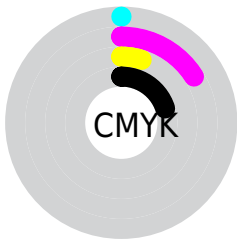
Distribution



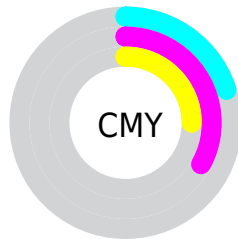
- Red (80%)
- Green (67%)
- Blue (75%)



- Red (80%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (20%)




- Cyan (20%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6281, 0.3237, 0.3033 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 45.6281, 0.3237, 0.3033 by changing the saturation by 10% instead.


 45.6281, 0.3237,
0.3033

 45.6281, 0.3237,
0.3033


369.3115, 0.3183,
0.3159

 31.9524, 0.3250,
0.3002


 83.6621, 0.3218,
0.3078

 21.3252, 0.3267,
0.2963


108.7893, 0.3210,
0.3096

 13.3619, 0.3289,
0.2911


138.5025, 0.3204,
0.3110

 7.6782, 0.3319,
0.2840

173.1860, 0.3199,
0.3123

 3.8898, 0.3363,
0.2736

213.2242, 0.3194,
0.3134

 1.6121, 0.3432,
0.2570

259.0016, 0.3190,

 0.3657, 0.3724,

0.3143

0.1897

310.9026, 0.3186,
0.3152

0.0000, 0.0000,
0.0000

45.6281, 0.3237,
0.3033

45.6281, 0.3237,
0.3033

38.2401, 0.3323,
0.2862

54.2119, 0.3164,
0.3199

31.9883, 0.3424,
0.2691

64.0358, 0.3102,
0.3356

26.8166, 0.3538,
0.2526

75.1493, 0.3051,
0.3503

22.6622, 0.3667,
0.2376

87.5971, 0.3008,
0.3640

19.4555, 0.3808,
0.2253

89.7447, 0.2970,
0.3591

■ 17.1182, 0.3956,
0.2167

■ 90.1362, 0.2932,
0.3515

■ 15.5591, 0.4107,
0.2128

■ 90.5434, 0.2895,
0.3440

■ 14.6656, 0.4256,
0.2139

■ 90.9665, 0.2859,
0.3366

■ 14.3942, 0.4319,
0.2153

■ 91.4057, 0.2823,
0.3293

Harmonies

Analogous

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



45.6281, 0.3003, 0.2926



45.6281, 0.3237, 0.3033



45.6281, 0.3448, 0.3203

Triad

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



45.6281, 0.3237, 0.3033



45.6281, 0.3447, 0.3686



45.6281, 0.2702, 0.3154

Complementary

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



45.6281, 0.3237, 0.3033



54.7266, 0.3032, 0.3562

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.



45.6281, 0.2812, 0.3370



45.6281, 0.3237, 0.3033



45.6281, 0.3239, 0.3687

Square

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



45.6281, 0.3237, 0.3033



45.6281, 0.3571, 0.3576



45.6281, 0.3007, 0.3569



45.6281, 0.2701, 0.2988

Rectangle

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



45.6281, 0.3237, 0.3033



45.6281, 0.3543, 0.3333



45.6281, 0.3007, 0.3569



45.6281, 0.2727, 0.3223

Sweetspot

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



45.6301, 0.3237, 0.3033



91.8549, 0.3159, 0.3209



43.3479, 0.2963, 0.2882



19.4249, 0.3164, 0.3198



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.



45.6301, 0.3237, 0.3033



71.8640, 0.3266, 0.2973



44.9722, 0.3374, 0.3224



11.3359, 0.3189, 0.3139



9.1827, 0.4300, 0.2142



0.4876, 0.4034, 0.1996

Inverse Universe

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



45.6301, 0.3237, 0.3033



71.8640, 0.3266, 0.2973



55.4108, 0.2926, 0.3357



11.3359, 0.3189, 0.3139



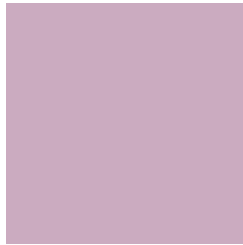
9.1827, 0.4300, 0.2142



0.4876, 0.4034, 0.1996

Previews

White Background



This preview shows how the Yxy color 45.6281, 0.3237, 0.3033 looks on a white background.

Color Contrast Check

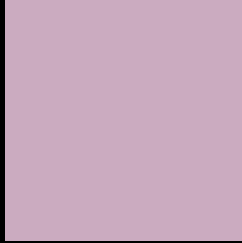
Large Text (above 18pt) WCAG AA × Fail

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 45.6281, 0.3237, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

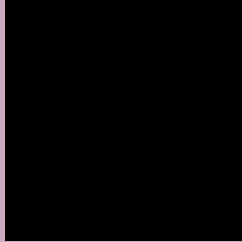
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6281, 0.3237, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 45.6281, 0.3237, 0.3033.



This preview shows how white text looks on a background with the Yxy color 45.6281, 0.3237, 0.3033.

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

45.6281, 0.3237, 0.3033

Protanopia

45.7364, 0.2979, 0.3057

Deuteranopia

45.7590, 0.3154, 0.3089



Tritanopia

45.6068, 0.3279, 0.3117

Trichromacy



Original Color

45.6281, 0.3237, 0.3033

Protanomaly

45.5556, 0.3070, 0.3049

Deuteranomaly

45.9040, 0.3190, 0.3078

Tritanomaly

45.6924, 0.3262, 0.3093

Monochromacy



Original Color

45.6281, 0.3237, 0.3033

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7325, 0.3166, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6281, 0.3237, 0.3033 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(203, 171, 192)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 192)  
}
```

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(203, 171, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 192) }
```

Border

The CSS property to change the border of an element to Yxy 45.6281, 0.3237, 0.3033 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(203, 171, 192) }
```

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

```
.border{ border-color:rgb(203, 171, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 171, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 192);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6281, 0.3237, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 171, 192) }
```

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

```
.background{ background-color: rgb(203,  
171, 192) }
```

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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