

Converting Colors

$Y_{xy}(45.2109, 0.3282, 0.3070)$

Have a look what the booklet for
Yxy(45.2109, 0.3282, 0.3070)
contains.

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Color

Yxy(45.2177, 0.3282, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	CCAABC
RGB	204, 170, 188
RGB Percent	80%, 67%, 74%
CMY	0.2000, 0.3333, 0.2627
CMYK	0.00, 0.17, 0.08, 0.20
HSL	328°, 25%, 73%
HSV	328°, 17%, 80%
XYZ	48.3560, 45.2177, 53.7632
YIQ	182.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

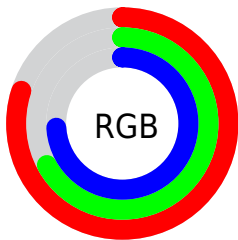
Format	Color
R_{YB}	204, 170, 188
Decimal	13413052
CIE _{Lab}	73.04, 15.38, -4.57
CIE _{LCh}	73, 16.047, 343.456
Yxy	45.2177, 0.3282, 0.3069
Android (android.graphics.Color)	4291603132 (0xFFCCAABC)
YUV	182.2180, 2.8505, 19.1028
Hunter-Lab	67.2441, 10.6841, -0.3329

Details

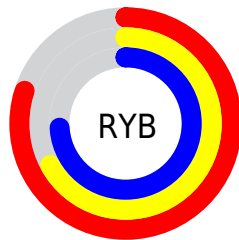
The Yxy color $45.2177, 0.3282, 0.3069$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $55.2802, 0.2997, 0.3522$, and the grayscale version is $46.8840, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6421, 0.3212, 0.3104$, and $21.1902, 0.3328, 0.3010$ is the 20% darker color. If you saturate the color by 10%, you get $37.7550, 0.3400, 0.2929$, and if you desaturate by 10%, it is $53.8988, 0.3183, 0.3204$.

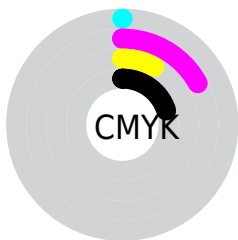
Distribution



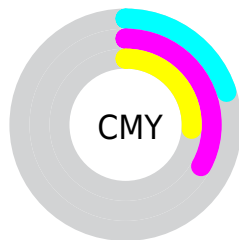
- Red (80%)
- Green (67%)
- Blue (74%)



- Red (80%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2177, 0.3282, 0.3069 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 45.2177, 0.3282, 0.3069 by changing the saturation by 10% instead.


 45.2177, 0.3282,
0.3069

 45.2177, 0.3282,
0.3069


367.6545, 0.3205,
0.3178

 31.6289, 0.3301,
0.3042


 83.0470, 0.3254,
0.3108

 21.0782, 0.3325,
0.3008


108.0563, 0.3244,
0.3123

 13.1812, 0.3358,
0.2962


137.6413, 0.3235,
0.3136

 7.5534, 0.3403,
0.2900

172.1863, 0.3227,
0.3147

 3.8106, 0.3469,
0.2808

212.0757, 0.3221,
0.3156

 1.5682, 0.3578,
0.2659

257.6940, 0.3215,

 0.3360, 0.4049,

0.3164

0.1958

309.4254, 0.3210,
0.3172

0.0000, 0.0000,
0.0000

45.2177, 0.3282,
0.3069

45.2177, 0.3282,
0.3069

37.7550, 0.3400,
0.2929

53.8988, 0.3183,
0.3204

31.4495, 0.3540,
0.2788

63.8438, 0.3102,
0.3332

26.2440, 0.3703,
0.2653

75.1033, 0.3034,
0.3450

22.0737, 0.3890,
0.2533

87.7233, 0.2978,
0.3560

18.8670, 0.4098,
0.2439

90.4137, 0.2927,
0.3491

■ 16.5431, 0.4321,
0.2383

■ 90.9865, 0.2876,
0.3388

■ 15.0081, 0.4550,
0.2376

■ 91.5784, 0.2827,
0.3289

■ 14.1392, 0.4773,
0.2422

■ 13.9223, 0.4847,
0.2444

Harmonies

Analogous

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



45.2177, 0.3052, 0.2949



45.2177, 0.3282, 0.3069



45.2177, 0.3475, 0.3244

Triad

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



45.2177, 0.3282, 0.3069



45.2177, 0.3403, 0.3687



45.2177, 0.2702, 0.3118

Complementary

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



45.2177, 0.3282, 0.3069



55.2802, 0.2997, 0.3522

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.



45.2177, 0.2788, 0.3323



45.2177, 0.3282, 0.3069



45.2177, 0.3190, 0.3663

Square

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



45.2177, 0.3282, 0.3069



45.2177, 0.3545, 0.3600



45.2177, 0.2965, 0.3527



45.2177, 0.2723, 0.2970

Rectangle

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



45.2177, 0.3282, 0.3069



45.2177, 0.3553, 0.3373



45.2177, 0.2965, 0.3527



45.2177, 0.2719, 0.3182

Sweetspot

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



45.2197, 0.3282, 0.3069



91.7530, 0.3169, 0.3225



43.5328, 0.2990, 0.2861



19.4002, 0.3175, 0.3216



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.



45.2197, 0.3282, 0.3069



70.2160, 0.3322, 0.3019



44.5337, 0.3432, 0.3277



11.3113, 0.3209, 0.3168



8.7812, 0.4818, 0.2428



0.4683, 0.4420, 0.2208

Inverse Universe

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



45.2197, 0.3282, 0.3069



70.2160, 0.3322, 0.3019



56.0410, 0.2885, 0.3304



11.3113, 0.3209, 0.3168



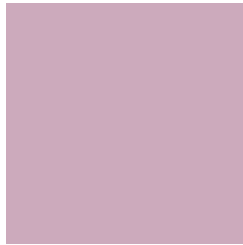
8.7812, 0.4818, 0.2428



0.4683, 0.4420, 0.2208

Previews

White Background



This preview shows how the Yxy color 45.2177, 0.3282, 0.3069 looks on a white background.

Color Contrast Check

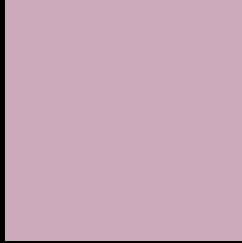
Large Text (above 18pt) WCAG AA × Fail

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 45.2177, 0.3282, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

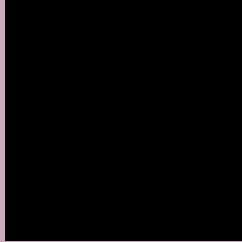
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2177, 0.3282, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 45.2177, 0.3282, 0.3069.



This preview shows how white text looks on a background with the Yxy color 45.2177, 0.3282, 0.3069.

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

45.2177, 0.3282, 0.3069

Protanopia

45.2748, 0.3017, 0.3095

Deuteranopia

45.1974, 0.3188, 0.3126



Tritanopia

45.2830, 0.3307, 0.3130

Trichromacy



Original Color

45.2177, 0.3282, 0.3069

Protanomaly

45.1129, 0.3111, 0.3086

Deuteranomaly

45.3453, 0.3224, 0.3115

Tritanomaly

45.3251, 0.3298, 0.3117

Monochromacy



Original Color

45.2177, 0.3282, 0.3069

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2486, 0.3183, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2177, 0.3282, 0.3069 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(204, 170, 188)` looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 188)  
}
```

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(204, 170, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 188) }
```

Border

The CSS property to change the border of an element to Yxy 45.2177, 0.3282, 0.3069 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(204, 170, 188) }
```

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

```
.border{ border-color:rgb(204, 170, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 170, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2177, 0.3282, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 170, 188) }
```

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

```
.background{ background-color: rgb(204,  
170, 188) }
```

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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