

Converting Colors

$Y_{xy}(45.4259, 0.3399, 0.3192)$

Have a look what the booklet for
Yxy(45.4259, 0.3399, 0.3192)
contains.

Yxy(45.3737, 0.3407, 0.3193)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(45.3737, 0.3407, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	D0AAB2
RGB	208, 170, 178
RGB Percent	82%, 67%, 70%
CMY	0.1844, 0.3333, 0.3020
CMYK	0.00, 0.18, 0.14, 0.18
HSL	347°, 29%, 74%
HSV	347°, 18%, 82%
XYZ	48.4147, 45.3737, 48.3152
YIQ	182.2740, 20.0800, 10.5440

Conversions

Conversions Part 2

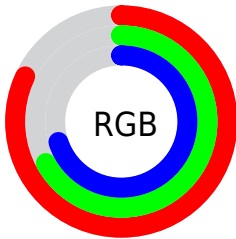
Format	Color
R _Y B	208, 170, 178
Decimal	13675186
CIE Lab	73.14, 15.10, 1.14
CIE LCh	73, 15.146, 4.308
Yxy	45.3737, 0.3407, 0.3193
Android (android.graphics.Color)	4291865266 (0xFFD0AAB2)
YUV	182.2740, -2.1071, 22.5617
Hunter-Lab	67.3600, 10.4161, 4.6251

Details

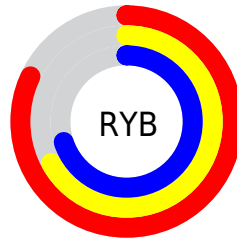
The Yxy color $45.3737, 0.3407, 0.3193$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $57.8151, 0.2905, 0.3390$, and the grayscale version is $46.9389, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0509, 0.3279, 0.3201$, and $21.2098, 0.3491, 0.3175$ is the 20% darker color. If you saturate the color by 10%, you get $37.5634, 0.3612, 0.3136$, and if you desaturate by 10%, it is $54.5007, 0.3240, 0.3248$.

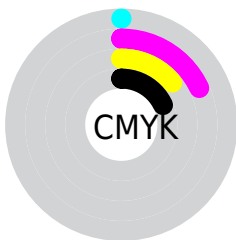
Distribution



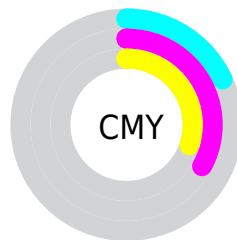
- Red (82%)
- Green (67%)
- Blue (70%)



- Red (82%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (18%)





- Cyan (18%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3737, 0.3407, 0.3193 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 45.3737, 0.3407, 0.3193 by changing the saturation by 10% instead.


 45.3737, 0.3407,
0.3193

 45.3737, 0.3407,
0.3193


368.2850, 0.3266,
0.3242

 31.7519, 0.3442,
0.3180


 83.2809, 0.3356,
0.3211

 21.1721, 0.3488,
0.3164


108.3351, 0.3336,
0.3218

 13.2498, 0.3550,
0.3142

137.9688, 0.3320,
0.3224

 7.6008, 0.3636,
0.3111

172.5665, 0.3306,
0.3228

 3.8406, 0.3766,
0.3064

212.5126, 0.3294,
0.3233

 1.5848, 0.3986,
0.2983

258.1914, 0.3284,

 0.3473, 0.5197,

0.3236

0.2583

309.9874, 0.3274,
0.3239

0.0000, 0.0000,
0.0000

45.3737, 0.3407,
0.3193

45.3737, 0.3407,
0.3193

37.5634, 0.3612,
0.3136

54.5007, 0.3240,
0.3248

31.0029, 0.3864,
0.3080

64.9948, 0.3106,
0.3299

25.6289, 0.4167,
0.3028

76.9114, 0.2996,
0.3346

21.3699, 0.4521,
0.2988

90.3011, 0.2907,
0.3389

18.1470, 0.4916,
0.2968

92.1453, 0.2849,
0.3289

■ 15.8704, 0.5325,
0.2978

■ 14.4352, 0.5708,
0.3025

■ 13.6858, 0.6018,
0.3102

■ 13.5844, 0.6065,
0.3115

Harmonies

Analogous

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



45.3737, 0.3208, 0.3040



45.3737, 0.3407, 0.3193



45.3737, 0.3531, 0.3374

Triad

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



45.3737, 0.3407, 0.3193



45.3737, 0.3252, 0.3660



45.3737, 0.2728, 0.3023

Complementary

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



45.3737, 0.3407, 0.3193



57.8151, 0.2905, 0.3390

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.



45.3737, 0.2740, 0.3184



45.3737, 0.3407, 0.3193



45.3737, 0.3037, 0.3561

Square

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



45.3737, 0.3407, 0.3193



45.3737, 0.3438, 0.3649



45.3737, 0.2851, 0.3383



45.3737, 0.2819, 0.2940

Rectangle

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



45.3737, 0.3407, 0.3193



45.3737, 0.3551, 0.3490



45.3737, 0.2851, 0.3383



45.3737, 0.2721, 0.3069

Sweetspot

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



45.3757, 0.3407, 0.3193



91.5012, 0.3194, 0.3264



45.5538, 0.3077, 0.2831



19.3391, 0.3204, 0.3261



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.



45.3757, 0.3407, 0.3193



66.7474, 0.3484, 0.3170



49.2634, 0.3456, 0.3423



11.8482, 0.3258, 0.3241



8.4810, 0.6033, 0.3097



0.4861, 0.5515, 0.2812

Inverse Universe

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



45.3757, 0.3407, 0.3193



66.7474, 0.3484, 0.3170



53.1316, 0.2848, 0.3153



11.8482, 0.3258, 0.3241



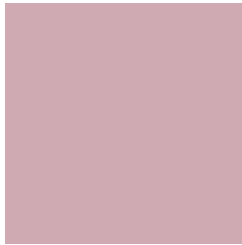
8.4810, 0.6033, 0.3097



0.4861, 0.5515, 0.2812

Previews

White Background



This preview shows how the Yxy color 45.3737, 0.3407, 0.3193 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 45.3737, 0.3407, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

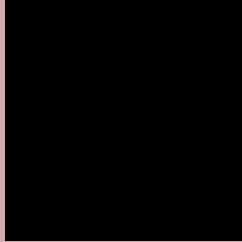
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3737, 0.3407, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 45.3737, 0.3407, 0.3193.



This preview shows how white text looks on a background with the Yxy color 45.3737, 0.3407, 0.3193.

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

45.3737, 0.3407, 0.3193

Protanopia

45.6042, 0.3121, 0.3238

Deuteranopia

45.4522, 0.3318, 0.3253



Tritanopia

45.3086, 0.3382, 0.3132

Trichromacy



Original Color

45.3737, 0.3407, 0.3193

Protanomaly

45.4632, 0.3218, 0.3226

Deuteranomaly

45.6180, 0.3356, 0.3241

Tritanomaly

45.2674, 0.3391, 0.3144

Monochromacy



Original Color

45.3737, 0.3407, 0.3193

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2534, 0.3216, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3737, 0.3407, 0.3193 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(208, 170, 178)` looks like.

```
.text, #text, p{  
    color:rgb(208, 170, 178)  
}
```

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(208, 170, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 170, 178) }
```

Border

The CSS property to change the border of an element to Yxy 45.3737, 0.3407, 0.3193 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(208, 170, 178) }
```

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

```
.border{ border-color:rgb(208, 170, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 170, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 170, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 170, 178);  
box-shadow:4px 4px 4px 4px rgb(208, 170,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3737, 0.3407, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 170, 178) }
```

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

```
.background{ background-color: rgb(208,  
170, 178) }
```

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