

Converting Colors

$Yxy(45.8675, 0.3645, 0.3447)$

Have a look what the booklet for
Yxy(45.8675, 0.3645, 0.3447)
contains.

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Color

Yxy(45.8906, 0.3644, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	D6AB9E
RGB	214, 171, 158
RGB Percent	84%, 67%, 62%
CMY	0.1607, 0.3294, 0.3804
CMYK	0.00, 0.20, 0.26, 0.16
HSL	14°, 41%, 73%
HSV	14°, 26%, 84%
XYZ	48.4711, 45.8906, 38.6545
YIQ	182.3750, 29.8010, 5.0730

Conversions

Conversions Part 2

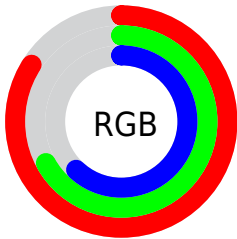
Format	Color
R _Y B	214, 175, 158
Decimal	14068638
CIE Lab	73.47, 13.80, 12.65
CIE LCh	73, 18.725, 42.503
Yxy	45.8906, 0.3644, 0.3450
Android (android.graphics.Color)	4292258718 (0xFFD6AB9E)
YUV	182.3750, -12.0169, 27.7351
Hunter-Lab	67.7426, 9.1706, 13.5884

Details

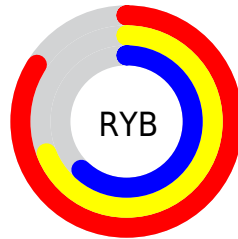
The Yxy color $45.8906, 0.3644, 0.3450$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $53.9155, 0.2731, 0.3124$, and the grayscale version is $47.0510, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.4568, 0.3421, 0.3422$, and $21.5243, 0.3784, 0.3488$ is the 20% darker color. If you saturate the color by 10%, you get $39.3896, 0.3915, 0.3515$, and if you desaturate by 10%, it is $53.2967, 0.3417, 0.3386$.

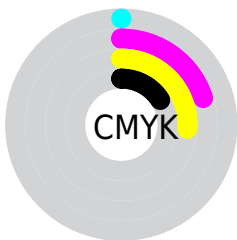
Distribution



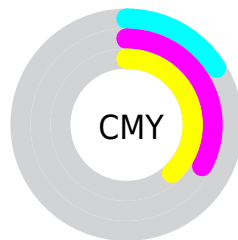
- Red (84%)
- Green (67%)
- Blue (62%)



- Red (84%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (20%)
- Yellow (26%)
- Black (16%)




- Cyan (16%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8906, 0.3644, 0.3450 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 45.8906, 0.3644, 0.3450 by changing the saturation by 10% instead.


 45.8906, 0.3644,
0.3450

 45.8906, 0.3644,
0.3450

370.3687, 0.3383,
0.3375

 32.1595, 0.3710,
0.3467


 84.0552, 0.3548,
0.3424

 21.4834, 0.3795,
0.3488


 109.2576, 0.3513,
0.3414

 13.4778, 0.3909,
0.3514


139.0525, 0.3483,
0.3405

 7.7584, 0.4068,
0.3546

173.8243, 0.3457,
0.3398

 3.9407, 0.4307,
0.3586

213.9574, 0.3435,
0.3391

 1.6405, 0.4716,
0.3641

259.8362, 0.3415,

 0.3846, 0.6462,

0.3385

0.3538

311.8452, 0.3398,
0.3380

0.0000, 0.0000,
0.0000

45.8906, 0.3644,
0.3450

45.8906, 0.3644,
0.3450

39.3896, 0.3915,
0.3515

53.2967, 0.3417,
0.3386

33.7523, 0.4232,
0.3576

61.6344, 0.3228,
0.3325

28.9438, 0.4595,
0.3627

70.9372, 0.3070,
0.3269

24.9240, 0.4989,
0.3658

81.2348, 0.2939,
0.3217

21.6494, 0.5390,
0.3659

91.8934, 0.2882,
0.3271

■ 19.0721, 0.5755,
0.3621

■ 93.0393, 0.2883,
0.3289

■ 17.1376, 0.6040,
0.3546

■ 16.5484, 0.6130,
0.3515

Harmonies

Analogous

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



45.8906, 0.3526, 0.3229



45.8906, 0.3644, 0.3450



45.8906, 0.3616, 0.3642

Triad

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



45.8906, 0.3644, 0.3450



45.8906, 0.2946, 0.3574



45.8906, 0.2799, 0.2854

Complementary

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



45.8906, 0.3644, 0.3450



53.9155, 0.2731, 0.3124

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.



45.8906, 0.2658, 0.2922



45.8906, 0.3644, 0.3450



45.8906, 0.2740, 0.3335

Square

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



45.8906, 0.3644, 0.3450



45.8906, 0.3207, 0.3729



45.8906, 0.2637, 0.3095



45.8906, 0.3031, 0.2894

Rectangle

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



45.8906, 0.3644, 0.3450



45.8906, 0.3520, 0.3727



45.8906, 0.2637, 0.3095



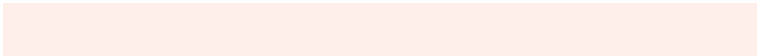
45.8906, 0.2740, 0.2864

Sweetspot

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



45.8927, 0.3644, 0.3450



89.1614, 0.3261, 0.3337



43.0151, 0.3264, 0.2774



18.6703, 0.3289, 0.3346



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.



45.8927, 0.3644, 0.3450



63.1003, 0.3777, 0.3483



57.2256, 0.3564, 0.3767



12.8834, 0.3285, 0.3345



10.1327, 0.6106, 0.3534



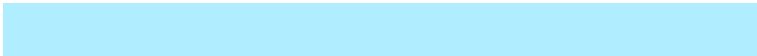
0.7394, 0.5764, 0.3805

Inverse Universe

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



53.9155, 0.2731, 0.3124



76.8226, 0.2657, 0.3086



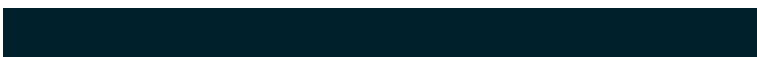
42.3518, 0.2697, 0.2762



13.5969, 0.2982, 0.3235



19.2309, 0.2036, 0.2528



1.2814, 0.2076, 0.2675

Previews

White Background



This preview shows how the Yxy color 45.8906, 0.3644, 0.3450 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 45.8906, 0.3644, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

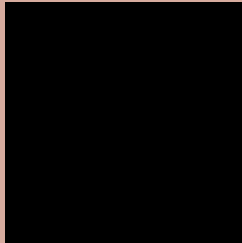
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.8906, 0.3644, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 45.8906, 0.3644, 0.3450.



This preview shows how white text looks on a background with the Yxy color 45.8906, 0.3644, 0.3450.

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

45.8906, 0.3644, 0.3450

Protanopia

45.9782, 0.3337, 0.3513

Deuteranopia

45.9718, 0.3578, 0.3503



Tritanopia

46.0932, 0.3467, 0.3136

Trichromacy



Original Color

45.8906, 0.3644, 0.3450

Protanomaly

45.8878, 0.3442, 0.3496

Deuteranomaly

46.0231, 0.3609, 0.3489

Tritanomaly

45.9920, 0.3529, 0.3243

Monochromacy



Original Color

45.8906, 0.3644, 0.3450

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.3273, 0.3310, 0.3354

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8906, 0.3644, 0.3450 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(214, 171, 158)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 158)  
}
```

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(214, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 158) }
```

Border

The CSS property to change the border of an element to Yxy 45.8906, 0.3644, 0.3450 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(214, 171, 158) }
```

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

```
.border{ border-color:rgb(214, 171, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8906, 0.3644, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 158) }
```

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

```
.background{ background-color: rgb(214,  
171, 158) }
```

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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