

Converting Colors

$Yxy(45.8257, 0.3654, 0.3561)$

Have a look what the booklet for
Yxy(45.8257, 0.3654, 0.3561)
contains.

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Color

Yxy(45.6768, 0.3654, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	D1AD97
RGB	209, 173, 151
RGB Percent	82%, 68%, 59%
CMY	0.1805, 0.3215, 0.4078
CMYK	0.00, 0.17, 0.28, 0.18
HSL	23°, 39%, 71%
HSV	23°, 28%, 82%
XYZ	46.8171, 45.6768, 35.6317
YIQ	181.2560, 28.5180, 0.7900

Conversions

Conversions Part 2

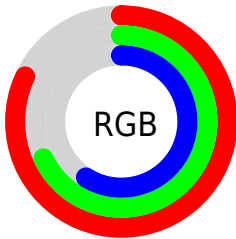
Format	Color
R _Y B	209, 186, 151
Decimal	13741463
CIE Lab	73.34, 9.81, 16.20
CIE LCh	73, 18.941, 58.813
Yxy	45.6768, 0.3654, 0.3565
Android (android.graphics.Color)	4291931543 (0xFFD1AD97)
YUV	181.2560, -14.9162, 24.3315
Hunter-Lab	67.5846, 5.3772, 16.0505

Details

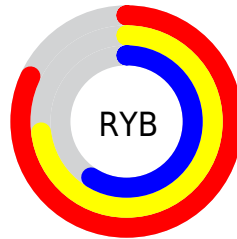
The Yxy color $45.6768, 0.3654, 0.3565$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $46.7052, 0.2697, 0.2997$, and the grayscale version is $46.4248, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1546, 0.3473, 0.3523$, and $21.4649, 0.3811, 0.3642$ is the 20% darker color. If you saturate the color by 10%, you get $40.3261, 0.3903, 0.3669$, and if you desaturate by 10%, it is $51.6343, 0.3438, 0.3462$.

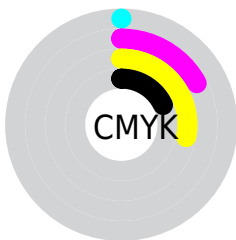
Distribution



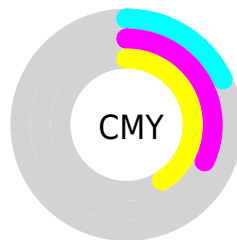
- Red (82%)
- Green (68%)
- Blue (59%)



- Red (82%)
- Yellow (73%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (28%)
- Black (18%)





- Cyan (18%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6768, 0.3654, 0.3565 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 45.6768, 0.3654, 0.3565 by changing the saturation by 10% instead.

 45.6768, 0.3654,
0.3565

 45.6768, 0.3654,
0.3565


369.5077, 0.3388,
0.3432

 31.9909, 0.3721,
0.3596


 83.7351, 0.3557,
0.3518

 21.3545, 0.3807,
0.3636


 108.8762, 0.3521,
0.3500

 13.3834, 0.3922,
0.3686


138.6046, 0.3490,
0.3485

 7.6931, 0.4082,
0.3751

173.3045, 0.3464,
0.3471

 3.8992, 0.4319,
0.3839

213.3603, 0.3441,
0.3460

 1.6173, 0.4790,
0.4028

259.1566, 0.3421,

 0.3692, 0.6152,

0.3449

0.3848

311.0776, 0.3404,
0.3440

0.0000, 0.0000,
0.0000

45.6768, 0.3654,
0.3565

45.6768, 0.3654,
0.3565

40.3261, 0.3903,
0.3669

51.6343, 0.3438,
0.3462

35.5559, 0.4186,
0.3768

58.2114, 0.3252,
0.3363

31.3471, 0.4498,
0.3852

65.4282, 0.3093,
0.3270

27.6770, 0.4828,
0.3911

73.3021, 0.2958,
0.3183

24.5211, 0.5158,
0.3931

81.8178, 0.2845,
0.3109

■ 21.8523, 0.5461,
0.3902

■ 89.6317, 0.2852,
0.3246

■ 19.6384, 0.5714,
0.3823

■ 92.2901, 0.2855,
0.3289

■ 19.1925, 0.5767,
0.3803

Harmonies

Analogous

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



45.6768, 0.3614, 0.3350



45.6768, 0.3654, 0.3565



45.6768, 0.3547, 0.3720

Triad

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



45.6768, 0.3654, 0.3565



45.6768, 0.2820, 0.3451



45.6768, 0.2914, 0.2857

Complementary

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



45.6768, 0.3654, 0.3565



46.7052, 0.2697, 0.2997

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.



45.6768, 0.2716, 0.2866



45.6768, 0.3654, 0.3565



45.6768, 0.2663, 0.3198

Square

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



45.6768, 0.3654, 0.3565



45.6768, 0.3061, 0.3664



45.6768, 0.2626, 0.2985



45.6768, 0.3177, 0.2953

Rectangle

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



45.6768, 0.3654, 0.3565



45.6768, 0.3410, 0.3763



45.6768, 0.2626, 0.2985



45.6768, 0.2838, 0.2848

Sweetspot

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



45.6789, 0.3654, 0.3565



90.9457, 0.3258, 0.3366



39.3058, 0.3356, 0.2843



19.1175, 0.3285, 0.3381



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.



45.6789, 0.3654, 0.3565



66.8138, 0.3791, 0.3624



57.6689, 0.3566, 0.3894



12.5335, 0.3281, 0.3379



12.0142, 0.5741, 0.3823



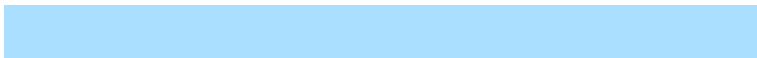
0.8230, 0.5397, 0.4097

Inverse Universe

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



46.7052, 0.2697, 0.2997



68.6612, 0.2610, 0.2928



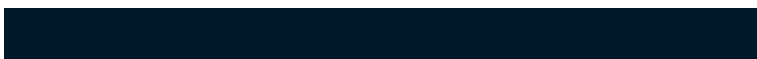
35.8888, 0.2658, 0.2604



12.6214, 0.2983, 0.3200



12.8182, 0.1890, 0.2005



0.8672, 0.1963, 0.2267

Previews

White Background



This preview shows how the Yxy color 45.6768, 0.3654, 0.3565 looks on a white background.

Color Contrast Check

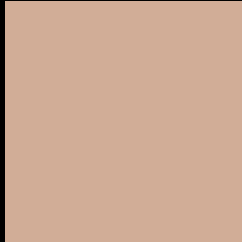
Large Text (above 18pt) WCAG AA × Fail

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 45.6768, 0.3654, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

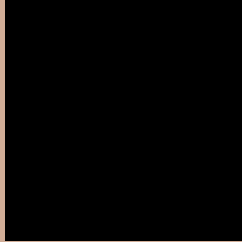
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6768, 0.3654, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 45.6768, 0.3654, 0.3565.



This preview shows how white text looks on a background with the Yxy color 45.6768, 0.3654, 0.3565.

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

45.6768, 0.3654, 0.3565

Protanopia

45.7944, 0.3422, 0.3632

Deuteranopia

45.5314, 0.3645, 0.3566



Tritanopia

45.7504, 0.3410, 0.3134

Trichromacy



Original Color

45.6768, 0.3654, 0.3565

Protanomaly

45.4800, 0.3503, 0.3601

Deuteranomaly

45.5314, 0.3645, 0.3566

Tritanomaly

45.5386, 0.3499, 0.3279

Monochromacy



Original Color

45.6768, 0.3654, 0.3565

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.8194, 0.3308, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6768, 0.3654, 0.3565 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(209, 173, 151)` looks like.

```
.text, #text, p{  
    color:rgb(209, 173, 151)  
}
```

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(209, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 173, 151) }
```

Border

The CSS property to change the border of an element to Yxy 45.6768, 0.3654, 0.3565 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(209, 173, 151) }
```

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

```
.border{ border-color:rgb(209, 173, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 173, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(209, 173,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6768, 0.3654, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 173, 151) }
```

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

```
.background{ background-color: rgb(209,  
173, 151) }
```

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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