

Converting Colors

$Yxy(45.6568, 0.3681, 0.3594)$

Have a look what the booklet for
Yxy(45.6568, 0.3681, 0.3594)
contains.

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Color

Yxy(45.6124, 0.3673, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	D1AD95
RGB	209, 173, 149
RGB Percent	82%, 68%, 58%
CMY	0.1803, 0.3216, 0.4157
CMYK	0.00, 0.17, 0.29, 0.18
HSL	24°, 39%, 70%
HSV	24°, 29%, 82%
XYZ	46.6669, 45.6124, 34.7747
YIQ	181.0280, 29.1600, 0.1680

Conversions

Conversions Part 2

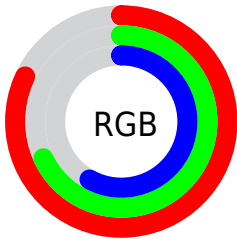
Format	Color
R _Y B	209, 189, 149
Decimal	13741461
CIE Lab	73.29, 9.57, 17.24
CIE LCh	73, 19.721, 60.981
Yxy	45.6124, 0.3673, 0.3590
Android (android.graphics.Color)	4291931541 (0xFFD1AD95)
YUV	181.0280, -15.7898, 24.5314
Hunter-Lab	67.5370, 5.1510, 16.7475

Details

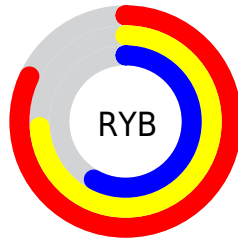
The Yxy color **45.6124, 0.3673, 0.3590** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.6986, 0.2680, 0.2969**, and the grayscale version is **46.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0586, 0.3487, 0.3543**, and **21.4266, 0.3836, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **40.4188, 0.3922, 0.3699**, and if you desaturate by 10%, it is **51.3818, 0.3456, 0.3481**.

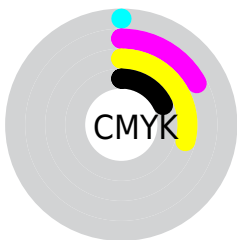
Distribution



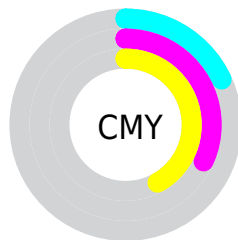
- Red (82%)
- Green (68%)
- Blue (58%)



- Red (82%)
- Yellow (74%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (18%)



- Cyan (18%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.6124, 0.3673, 0.3590 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 45.6124, 0.3673, 0.3590 by changing the saturation by 10% instead.


 45.6124, 0.3673,
0.3590


 45.6124, 0.3673,
0.3590


369.2482, 0.3397,
0.3445

 31.9401, 0.3742,
0.3624


 83.6386, 0.3572,
0.3539

 21.3157, 0.3831,
0.3667


 108.7613, 0.3535,
0.3519

 13.3550, 0.3950,
0.3722


138.4695, 0.3503,
0.3502

 7.6734, 0.4115,
0.3793

173.1478, 0.3476,
0.3488

 3.8867, 0.4358,
0.3888

213.1803, 0.3452,
0.3475

 1.6104, 0.4870,
0.4116

258.9517, 0.3432,

 0.3646, 0.6141,

0.3464

0.3859

310.8461, 0.3414,
0.3454

0.0000, 0.0000,
0.0000

45.6124, 0.3673,
0.3590

45.6124, 0.3673,
0.3590

40.4188, 0.3922,
0.3699

51.3818, 0.3456,
0.3481

35.7757, 0.4202,
0.3802

57.7383, 0.3269,
0.3376

31.6655, 0.4509,
0.3889

64.7012, 0.3108,
0.3278

28.0666, 0.4831,
0.3950

72.2867, 0.2970,
0.3186

24.9562, 0.5149,
0.3970

80.5103, 0.2852,
0.3102

■ 22.3087, 0.5439,
0.3939

■ 88.0734, 0.2851,
0.3219

■ 20.0916, 0.5681,
0.3859

■ 92.2985, 0.2855,
0.3289

■ 19.8349, 0.5711,
0.3848

Harmonies

Analogous

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



45.6124, 0.3642, 0.3369



45.6124, 0.3673, 0.3590



45.6124, 0.3551, 0.3746

Triad

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



45.6124, 0.3673, 0.3590



45.6124, 0.2792, 0.3439



45.6124, 0.2923, 0.2844

Complementary

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



45.6124, 0.3673, 0.3590



45.6986, 0.2680, 0.2969

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.



45.6124, 0.2710, 0.2844



45.6124, 0.3673, 0.3590



45.6124, 0.2637, 0.3175

Square

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



45.6124, 0.3673, 0.3590



45.6124, 0.3038, 0.3668



45.6124, 0.2609, 0.2960



45.6124, 0.3199, 0.2951

Rectangle

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



45.6124, 0.3673, 0.3590



45.6124, 0.3403, 0.3785



45.6124, 0.2609, 0.2960



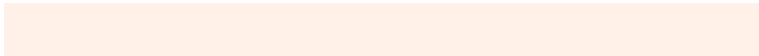
45.6124, 0.2842, 0.2831

Sweetspot

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



45.6145, 0.3673, 0.3590



90.1343, 0.3275, 0.3380



38.5968, 0.3376, 0.2838



18.9670, 0.3301, 0.3395



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.



45.6145, 0.3673, 0.3590



66.7961, 0.3810, 0.3652



57.9781, 0.3579, 0.3926



12.5730, 0.3281, 0.3383



12.4079, 0.5685, 0.3868



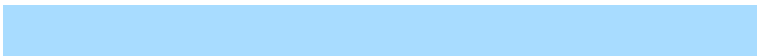
0.8473, 0.5350, 0.4134

Inverse Universe

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



45.6986, 0.2680, 0.2969



66.9376, 0.2592, 0.2895



34.7692, 0.2637, 0.2562



12.5807, 0.2983, 0.3195



12.1456, 0.1871, 0.1934



0.8321, 0.1947, 0.2209

Previews

White Background



This preview shows how the Yxy color 45.6124, 0.3673, 0.3590 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 45.6124, 0.3673, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

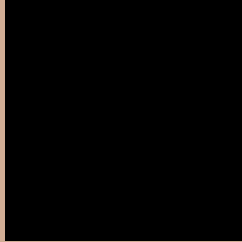
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.6124, 0.3673, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 45.6124, 0.3673, 0.3590.



This preview shows how white text looks on a background with the Yxy color 45.6124, 0.3673, 0.3590.

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

45.6124, 0.3673, 0.3590

Protanopia

45.8567, 0.3448, 0.3658

Deuteranopia

45.4670, 0.3663, 0.3591



Tritanopia

45.4876, 0.3430, 0.3134

Trichromacy



Original Color

45.6124, 0.3673, 0.3590

Protanomaly

45.5490, 0.3529, 0.3626

Deuteranomaly

45.4670, 0.3663, 0.3591

Tritanomaly

45.6111, 0.3526, 0.3303

Monochromacy



Original Color

45.6124, 0.3673, 0.3590

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.7817, 0.3317, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.6124, 0.3673, 0.3590 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(209, 173, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 173, 149) }
```

Border

The CSS property to change the border of an element to Yxy 45.6124, 0.3673, 0.3590 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, 149) }
```

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

```
.border{ border-color:rgb(209, 173, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 173, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 173, 149);  
box-shadow:4px 4px 4px 4px rgb(209, 173,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 45.6124, 0.3673, 0.3590 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, 149) }
```

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

```
.background{ background-color: rgb(209,  
173, 149) }
```

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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