

Converting Colors

$Y_{xy}(45.7099, 0.3594, 0.3452)$

Have a look what the booklet for
Yxy(45.7099, 0.3594, 0.3452)
contains.

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Color

Yxy(45.7099, 0.3594, 0.3452)

Conversions

Conversions Part 1

Format	Color
Hex	D2AC9F
RGB	210, 172, 159
RGB Percent	82%, 67%, 62%
CMY	0.1764, 0.3255, 0.3765
CMYK	0.00, 0.18, 0.24, 0.18
HSL	15°, 36%, 72%
HSV	15°, 24%, 82%
XYZ	47.5902, 45.7099, 39.1156
YIQ	181.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

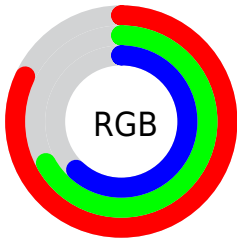
Format	Color
R _Y B	210, 176, 159
Decimal	13806751
CIE Lab	73.36, 11.88, 11.89
CIE LCh	73, 16.804, 45.026
Yxy	45.7099, 0.3594, 0.3452
Android (android.graphics.Color)	4291996831 (0xFFD2AC9F)
YUV	181.8800, -11.2798, 24.6612
Hunter-Lab	67.6091, 7.3307, 13.0238

Details

The Yxy color **45.7099, 0.3594, 0.3452** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.9595, 0.2758, 0.3122**, and the grayscale version is **46.7634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0532, 0.3413, 0.3421**, and **21.4842, 0.3727, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **39.4340, 0.3852, 0.3523**, and if you desaturate by 10%, it is **52.8152, 0.3377, 0.3383**.

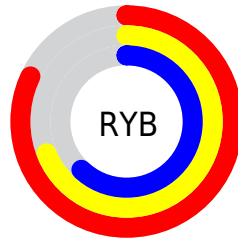
Distribution



Red (82%)

Green (67%)

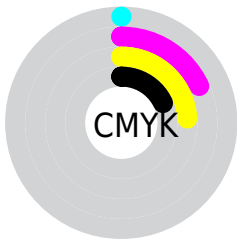
Blue (62%)



Red (82%)

Yellow (69%)

Blue (62%)

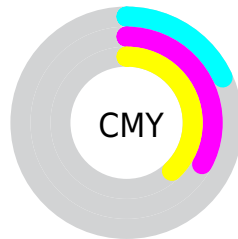


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7099, 0.3594, 0.3452 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 45.7099, 0.3594, 0.3452 by changing the saturation by 10% instead.

 45.7099, 0.3594,
0.3452

 45.7099, 0.3594,
0.3452


369.6411, 0.3358,
0.3375

 32.0170, 0.3654,
0.3470


 83.7847, 0.3508,
0.3425

 21.3745, 0.3731,
0.3492


 108.9353, 0.3475,
0.3415

 13.3980, 0.3834,
0.3520


138.6739, 0.3448,
0.3406

 7.7032, 0.3978,
0.3556


173.3850, 0.3425,
0.3398

 3.9056, 0.4195,
0.3603

213.4528, 0.3405,
0.3391

 1.6209, 0.4566,
0.3670

259.2619, 0.3387,

 0.3716, 0.6338,

0.3385

0.3662

311.1965, 0.3372,
0.3380

0.0000, 0.0000,
0.0000

45.7099, 0.3594,
0.3452

45.7099, 0.3594,
0.3452

39.4340, 0.3852,
0.3523

52.8152, 0.3377,
0.3383

33.9507, 0.4154,
0.3591

60.7725, 0.3195,
0.3317

29.2296, 0.4500,
0.3650

69.6113, 0.3044,
0.3256

25.2361, 0.4880,
0.3691

79.3578, 0.2917,
0.3200

21.9326, 0.5272,
0.3702

89.4434, 0.2858,
0.3240

■ 19.2779, 0.5639,
0.3674

■ 92.4426, 0.2860,
0.3289

■ 17.2257, 0.5941,
0.3604

■ 16.2975, 0.6080,
0.3554

Harmonies

Analogous

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



45.7099, 0.3499, 0.3252



45.7099, 0.3594, 0.3452



45.7099, 0.3558, 0.3620

Triad

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



45.7099, 0.3594, 0.3452



45.7099, 0.2947, 0.3528



45.7099, 0.2847, 0.2896

Complementary

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



45.7099, 0.3594, 0.3452



51.9595, 0.2758, 0.3122

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.



45.7099, 0.2711, 0.2951



45.7099, 0.3594, 0.3452



45.7099, 0.2767, 0.3312

Square

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



45.7099, 0.3594, 0.3452



45.7099, 0.3179, 0.3675



45.7099, 0.2682, 0.3100



45.7099, 0.3061, 0.2940

Rectangle

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



45.7099, 0.3594, 0.3452



45.7099, 0.3466, 0.3689



45.7099, 0.2682, 0.3100



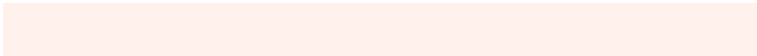
45.7099, 0.2791, 0.2903

Sweetspot

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



45.7120, 0.3594, 0.3452



90.7090, 0.3243, 0.3335



42.5423, 0.3267, 0.2832



19.2508, 0.3254, 0.3339



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.



45.7120, 0.3594, 0.3452



65.8605, 0.3718, 0.3488



56.2544, 0.3524, 0.3751



12.2910, 0.3284, 0.3350



10.0783, 0.6055, 0.3574



0.6931, 0.5687, 0.3867

Inverse Universe

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



51.9595, 0.2758, 0.3122



77.1271, 0.2684, 0.3082



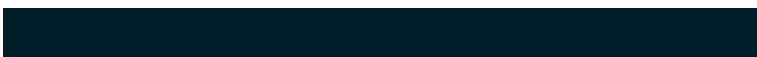
41.4356, 0.2729, 0.2783



12.8756, 0.2983, 0.3229



17.6070, 0.2014, 0.2448



1.1076, 0.2061, 0.2621

Previews

White Background



This preview shows how the Yxy color 45.7099, 0.3594, 0.3452 looks on a white background.

Color Contrast Check

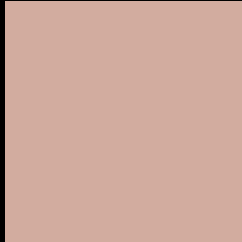
Large Text (above 18pt) WCAG AA × Fail

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 45.7099, 0.3594, 0.3452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

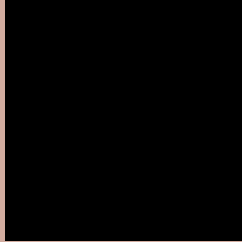
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7099, 0.3594, 0.3452

Background



This preview shows how black text looks on a background with the Yxy color 45.7099, 0.3594, 0.3452.



This preview shows how white text looks on a background with the Yxy color 45.7099, 0.3594, 0.3452.

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

45.7099, 0.3594, 0.3452

Protanopia

45.9782, 0.3337, 0.3513

Deuteranopia

45.8971, 0.3551, 0.3479



Tritanopia

45.8995, 0.3419, 0.3134

Trichromacy



Original Color

45.7099, 0.3594, 0.3452

Protanomaly

45.7887, 0.3424, 0.3483

Deuteranomaly

45.6557, 0.3563, 0.3466

Tritanomaly

45.8025, 0.3480, 0.3242

Monochromacy



Original Color

45.7099, 0.3594, 0.3452

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.1032, 0.3284, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7099, 0.3594, 0.3452 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(210, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(210, 172, 159)  
}
```

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(210, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 172, 159) }
```

Border

The CSS property to change the border of an element to Yxy 45.7099, 0.3594, 0.3452 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(210, 172, 159) }
```

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

```
.border{ border-color:rgb(210, 172, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(210, 172,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7099, 0.3594, 0.3452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 172, 159) }
```

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

```
.background{ background-color: rgb(210,  
172, 159) }
```

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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