

Converting Colors

$Yxy(44.4230, 0.3567, 0.3385)$

Have a look what the booklet for
Yxy(44.4230, 0.3567, 0.3385)
contains.

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Color

Yxy(44.5045, 0.3574, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	D1A9A1
RGB	209, 169, 161
RGB Percent	82%, 66%, 63%
CMY	0.1806, 0.3372, 0.3687
CMYK	0.00, 0.19, 0.23, 0.18
HSL	10°, 34%, 73%
HSV	10°, 23%, 82%
XYZ	46.9062, 44.5045, 39.8322
YIQ	180.0480, 26.4080, 5.9920

Conversions

Conversions Part 2

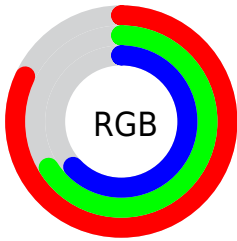
Format	Color
R_{YB}	209, 171, 161
Decimal	13740449
CIE _{Lab}	72.56, 13.38, 9.66
CIE _{LCh}	73, 16.503, 35.820
Yxy	44.5045, 0.3574, 0.3391
Android (android.graphics.Color)	4291930529 (0xFFD1A9A1)
YUV	180.0480, -9.3907, 25.3909
Hunter-Lab	66.7117, 8.7612, 11.2973

Details

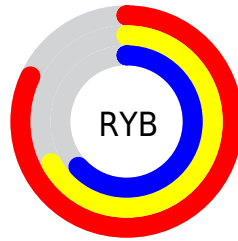
The Yxy color **44.5045, 0.3574, 0.3391** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9182, 0.2782, 0.3186**, and the grayscale version is **45.7089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5292, 0.3404, 0.3371**, and **20.7184, 0.3702, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **37.7804, 0.3839, 0.3438**, and if you desaturate by 10%, it is **52.2173, 0.3355, 0.3345**.

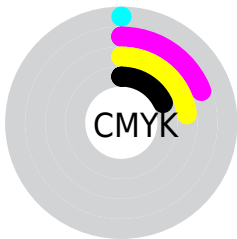
Distribution



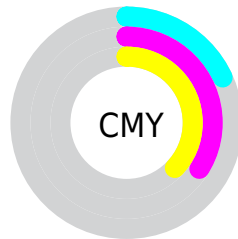
- Red (82%)
- Green (66%)
- Blue (63%)



- Red (82%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (23%)
- Black (18%)





- Cyan (18%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5045, 0.3574, 0.3391 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 44.5045, 0.3574, 0.3391 by changing the saturation by 10% instead.


 44.5045, 0.3574,
0.3391


 44.5045, 0.3574,
0.3391


364.7630, 0.3347,
0.3344

 31.0673, 0.3632,
0.3402


 81.9764, 0.3491,
0.3375

 20.6501, 0.3706,
0.3415


 106.7798, 0.3460,
0.3368

 12.8685, 0.3807,
0.3430


136.1408, 0.3434,
0.3363

 7.3381, 0.3949,
0.3450

170.4438, 0.3411,
0.3358

 3.6744, 0.4165,
0.3474

210.0731, 0.3392,
0.3354

 1.4931, 0.4533,
0.3500

255.4132, 0.3375,

 0.2839, 0.6775,

0.3350

0.3225

306.8483, 0.3360,
0.3347

0.0000, 0.0000,
0.0000

44.5045, 0.3574,
0.3391

44.5045, 0.3574,
0.3391

37.7804, 0.3839,
0.3438

52.2173, 0.3355,
0.3345

31.9989, 0.4156,
0.3483

60.9502, 0.3174,
0.3302

27.1196, 0.4526,
0.3522

70.7410, 0.3026,
0.3262

23.0964, 0.4937,
0.3548

81.6234, 0.2903,
0.3226

19.8794, 0.5365,
0.3552

92.2894, 0.2855,
0.3289

■ 17.4132, 0.5765,
0.3527

■ 15.6351, 0.6081,
0.3471

■ 14.7502, 0.6243,
0.3425

Harmonies

Analogous

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



44.5045, 0.3443, 0.3193



44.5045, 0.3574, 0.3391



44.5045, 0.3579, 0.3572

Triad

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



44.5045, 0.3574, 0.3391



44.5045, 0.3016, 0.3580



44.5045, 0.2798, 0.2905

Complementary

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



44.5045, 0.3574, 0.3391



53.9182, 0.2782, 0.3186

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.



44.5045, 0.2694, 0.2990



44.5045, 0.3574, 0.3391



44.5045, 0.2816, 0.3381

Square

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



44.5045, 0.3574, 0.3391



44.5045, 0.3251, 0.3694



44.5045, 0.2700, 0.3162



44.5045, 0.2991, 0.2919

Rectangle

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



44.5045, 0.3574, 0.3391



44.5045, 0.3511, 0.3659



44.5045, 0.2700, 0.3162



44.5045, 0.2752, 0.2922

Sweetspot

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



44.5065, 0.3574, 0.3391



89.7847, 0.3244, 0.3320



43.2519, 0.3223, 0.2812



19.0374, 0.3255, 0.3322



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.



44.5065, 0.3574, 0.3391



63.9821, 0.3710, 0.3416



54.2491, 0.3511, 0.3678



12.1235, 0.3286, 0.3330



9.1966, 0.6223, 0.3441



0.6156, 0.5896, 0.3701

Inverse Universe

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



53.9182, 0.2782, 0.3186



81.4907, 0.2706, 0.3159



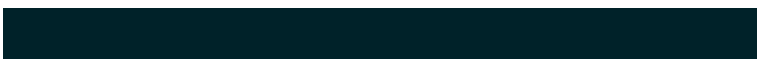
43.6147, 0.2757, 0.2869



13.0561, 0.2983, 0.3250



21.6315, 0.2098, 0.2751



1.3010, 0.2128, 0.2860

Previews

White Background



This preview shows how the Yxy color 44.5045, 0.3574, 0.3391 looks on a white background.

Color Contrast Check

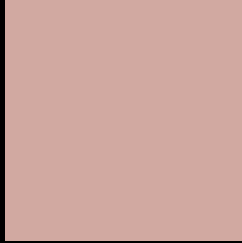
Large Text (above 18pt) WCAG AA × Fail

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 44.5045, 0.3574, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

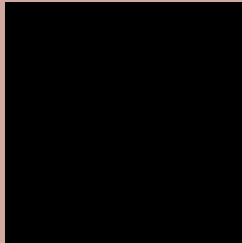
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5045, 0.3574, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 44.5045, 0.3574, 0.3391.



This preview shows how white text looks on a background with the Yxy color 44.5045, 0.3574, 0.3391.

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

44.5045, 0.3574, 0.3391

Protanopia

44.7843, 0.3279, 0.3449

Deuteranopia

44.5997, 0.3509, 0.3443



Tritanopia

44.3760, 0.3433, 0.3133

Trichromacy



Original Color

44.5045, 0.3574, 0.3391

Protanomaly

44.6777, 0.3383, 0.3433

Deuteranomaly

44.6430, 0.3540, 0.3429

Tritanomaly

44.3176, 0.3487, 0.3230

Monochromacy



Original Color

44.5045, 0.3574, 0.3391

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1442, 0.3286, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5045, 0.3574, 0.3391 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, 169, 161)` looks like.

```
.text, #text, p{  
    color:rgb(209, 169, 161)  
}
```

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, 169, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 169, 161) }
```

Border

The CSS property to change the border of an element to Yxy 44.5045, 0.3574, 0.3391 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, 169, 161) }
```

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

```
.border{ border-color:rgb(209, 169, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 169, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 169, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 169, 161); box-shadow:4px 4px 4px 4px rgb(209, 169, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5045, 0.3574, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 169, 161) }
```

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

```
.background{ background-color: rgb(209,  
169, 161) }
```

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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