

Converting Colors

$Yxy(45.5046, 0.3599, 0.3398)$

Have a look what the booklet for
Yxy(45.5046, 0.3599, 0.3398)
contains.

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Color

Yxy(45.3551, 0.3591, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	D4AAA2
RGB	212, 170, 162
RGB Percent	83%, 67%, 64%
CMY	0.1687, 0.3333, 0.3648
CMYK	0.00, 0.20, 0.24, 0.17
HSL	10°, 37%, 73%
HSV	10°, 24%, 83%
XYZ	48.0443, 45.3551, 40.3915
YIQ	181.6460, 27.6000, 6.4160

Conversions

Conversions Part 2

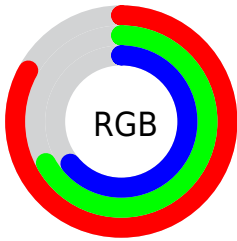
Format	Color
RYB	212, 172, 162
Decimal	13937314
CIELab	73.13, 14.13, 9.96
CIELCh	73, 17.291, 35.166
Yxy	45.3551, 0.3591, 0.3390
Android (android.graphics.Color)	4292127394 (0xFFD4AAA2)
YUV	181.6460, -9.6855, 26.6205
Hunter-Lab	67.3462, 9.4848, 11.5826

Details

The Yxy color **45.3551, 0.3591, 0.3390** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5969, 0.2773, 0.3187**, and the grayscale version is **46.6190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1202, 0.3395, 0.3371**, and **21.2508, 0.3737, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **38.4396, 0.3861, 0.3435**, and if you desaturate by 10%, it is **53.3048, 0.3368, 0.3346**.

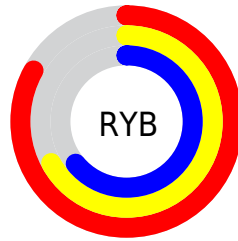
Distribution



Red (83%)

Green (67%)

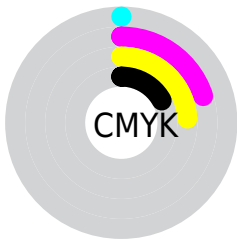
Blue (64%)



Red (83%)

Yellow (67%)

Blue (64%)

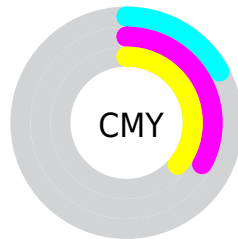


Cyan (0%)

Magenta (20%)

Yellow (24%)

Black (17%)



Cyan (17%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3551, 0.3591, 0.3390 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 45.3551, 0.3591, 0.3390 by changing the saturation by 10% instead.


 45.3551, 0.3591,
0.3390


 45.3551, 0.3591,
0.3390


368.2098, 0.3356,
0.3344

 31.7372, 0.3651,
0.3400


 83.2530, 0.3505,
0.3374

 21.1609, 0.3727,
0.3413


 108.3018, 0.3473,
0.3368

 13.2416, 0.3831,
0.3428

137.9298, 0.3446,
0.3363

 7.5952, 0.3976,
0.3446

172.5212, 0.3423,
0.3358

 3.8370, 0.4195,
0.3467

212.4605, 0.3403,
0.3354

 1.5828, 0.4563,
0.3486

258.1322, 0.3385,

 0.3460, 0.6608,

0.3350

0.3392

309.9205, 0.3370,
0.3347

0.0000, 0.0000,
0.0000

45.3551, 0.3591,
0.3390

45.3551, 0.3591,
0.3390

38.4396, 0.3861,
0.3435

53.3048, 0.3368,
0.3346

32.5096, 0.4184,
0.3479

62.3223, 0.3185,
0.3304

27.5219, 0.4559,
0.3515

72.4475, 0.3034,
0.3266

23.4275, 0.4975,
0.3538

83.7163, 0.2910,
0.3231

20.1730, 0.5406,
0.3540

92.7362, 0.2872,
0.3289

■ 17.6992, 0.5803,
0.3513

■ 15.9387, 0.6112,
0.3456

■ 15.1438, 0.6254,
0.3416

Harmonies

Analogous

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



45.3551, 0.3452, 0.3185



45.3551, 0.3591, 0.3390



45.3551, 0.3599, 0.3580

Triad

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



45.3551, 0.3591, 0.3390



45.3551, 0.3017, 0.3597



45.3551, 0.2781, 0.2891

Complementary

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



45.3551, 0.3591, 0.3390



55.5969, 0.2773, 0.3187

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.



45.3551, 0.2675, 0.2980



45.3551, 0.3591, 0.3390



45.3551, 0.2807, 0.3389

Square

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



45.3551, 0.3591, 0.3390



45.3551, 0.3261, 0.3712



45.3551, 0.2685, 0.3161



45.3551, 0.2980, 0.2904

Rectangle

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



45.3551, 0.3591, 0.3390



45.3551, 0.3530, 0.3672



45.3551, 0.2685, 0.3161



45.3551, 0.2734, 0.2909

Sweetspot

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



45.3572, 0.3591, 0.3390



89.7140, 0.3244, 0.3318



44.2106, 0.3219, 0.2789



19.0211, 0.3255, 0.3321



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.



45.3572, 0.3591, 0.3390



63.7667, 0.3712, 0.3411



55.4044, 0.3525, 0.3680



12.7399, 0.3287, 0.3328



9.4458, 0.6235, 0.3431



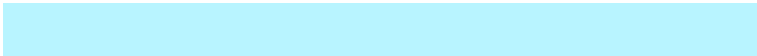
0.6724, 0.5933, 0.3671

Inverse Universe

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



55.5969, 0.2773, 0.3187



81.7784, 0.2706, 0.3165



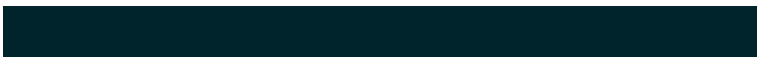
44.8648, 0.2747, 0.2866



13.7522, 0.2983, 0.3252



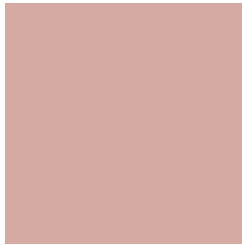
22.6992, 0.2104, 0.2773



1.4622, 0.2131, 0.2872

Previews

White Background



This preview shows how the Yxy color 45.3551, 0.3591, 0.3390 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 45.3551, 0.3591, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

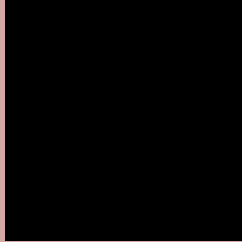
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3551, 0.3591, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 45.3551, 0.3591, 0.3390.



This preview shows how white text looks on a background with the Yxy color 45.3551, 0.3591, 0.3390.

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

45.3551, 0.3591, 0.3390

Protanopia

45.4693, 0.3287, 0.3448

Deuteranopia

45.2977, 0.3517, 0.3442



Tritanopia

45.2289, 0.3450, 0.3134

Trichromacy



Original Color

45.3551, 0.3591, 0.3390

Protanomaly

45.3694, 0.3391, 0.3432

Deuteranomaly

45.3437, 0.3547, 0.3428

Tritanomaly

45.1685, 0.3503, 0.3230

Monochromacy



Original Color

45.3551, 0.3591, 0.3390

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2734, 0.3284, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3551, 0.3591, 0.3390 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(212, 170, 162)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 162)  
}
```

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(212, 170, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 162) }
```

Border

The CSS property to change the border of an element to Yxy 45.3551, 0.3591, 0.3390 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(212, 170, 162) }
```

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

```
.border{ border-color:rgb(212, 170, 162) }
```

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

Here you see how a box with a 4 pixel rgb(212, 170, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 162);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3551, 0.3591, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 162) }
```

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

```
.background{ background-color: rgb(212,  
170, 162) }
```

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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