

Converting Colors

$Yxy(45.2809, 0.3690, 0.3403)$

Have a look what the booklet for
Yxy(45.2809, 0.3690, 0.3403)
contains.

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Color

Yxy(45.3793, 0.3691, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	DAA89E
RGB	218, 168, 158
RGB Percent	85%, 66%, 62%
CMY	0.1451, 0.3412, 0.3803
CMYK	0.00, 0.23, 0.28, 0.15
HSL	10°, 45%, 74%
HSV	10°, 28%, 85%
XYZ	49.0900, 45.3793, 38.5298
YIQ	181.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

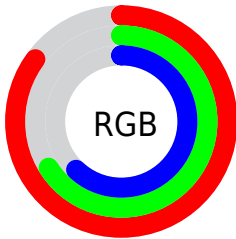
Format	Color
R _Y B	218, 170, 158
Decimal	14330014
CIE Lab	73.14, 16.94, 12.23
CIE LCh	73, 20.889, 35.832
Yxy	45.3793, 0.3691, 0.3412
Android (android.graphics.Color)	4292520094 (0xFFDAA89E)
YUV	181.8100, -11.7383, 31.7386
Hunter-Lab	67.3642, 12.1902, 13.2432

Details

The Yxy color $45.3793, 0.3691, 0.3412$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $57.4582, 0.2716, 0.3164$, and the grayscale version is $46.7239, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8394, 0.3426, 0.3392$, and $21.2337, 0.3852, 0.3437$ is the 20% darker color. If you saturate the color by 10%, you get $38.4478, 0.3981, 0.3459$, and if you desaturate by 10%, it is $53.3860, 0.3450, 0.3366$.

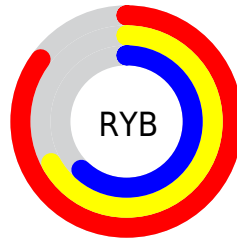
Distribution



Red (85%)

Green (66%)

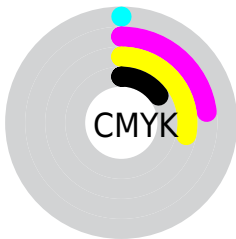
Blue (62%)



Red (85%)

Yellow (67%)

Blue (62%)

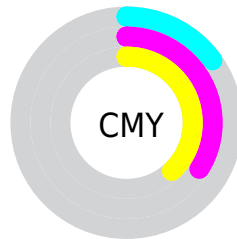


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (15%)



Cyan (15%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3793, 0.3691, 0.3412 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 45.3793, 0.3691, 0.3412 by changing the saturation by 10% instead.

 45.3793, 0.3691,
0.3412

 45.3793, 0.3691,
0.3412


368.3076, 0.3405,
0.3357

 31.7563, 0.3763,
0.3424


 83.2893, 0.3586,
0.3393

 21.1754, 0.3857,
0.3438


 108.3451, 0.3547,
0.3386

 13.2523, 0.3982,
0.3454


137.9806, 0.3514,
0.3380

 7.6025, 0.4158,
0.3473

172.5802, 0.3486,
0.3374

 3.8417, 0.4422,
0.3492

212.5283, 0.3462,
0.3369

 1.5854, 0.4876,
0.3510

258.2093, 0.3441,

 0.3477, 0.6815,

0.3364

0.3185

310.0076, 0.3422,
0.3360

0.0000, 0.0000,
0.0000

45.3793, 0.3691,
0.3412

45.3793, 0.3691,
0.3412

38.4478, 0.3981,
0.3459

53.3860, 0.3450,
0.3366

32.5395, 0.4324,
0.3502

62.5046, 0.3252,
0.3321

27.6074, 0.4716,
0.3535

72.7777, 0.3090,
0.3280

23.5984, 0.5142,
0.3551

84.2439, 0.2956,
0.3242

20.4543, 0.5564,
0.3542

93.6460, 0.2906,
0.3289

■ 18.1099, 0.5932,
0.3502

■ 16.4889, 0.6195,
0.3436

■ 16.1839, 0.6248,
0.3421

Harmonies

Analogous

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



45.3793, 0.3525, 0.3167



45.3793, 0.3691, 0.3412



45.3793, 0.3696, 0.3640

Triad

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



45.3793, 0.3691, 0.3412



45.3793, 0.2986, 0.3659



45.3793, 0.2715, 0.2810

Complementary

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



45.3793, 0.3691, 0.3412



57.4582, 0.2716, 0.3164

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.



45.3793, 0.2587, 0.2912



45.3793, 0.3691, 0.3412



45.3793, 0.2737, 0.3403

Square

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



45.3793, 0.3691, 0.3412



45.3793, 0.3280, 0.3803



45.3793, 0.2594, 0.3125



45.3793, 0.2955, 0.2830

Rectangle

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



45.3793, 0.3691, 0.3412



45.3793, 0.3609, 0.3752



45.3793, 0.2594, 0.3125



45.3793, 0.2658, 0.2830

Sweetspot

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



45.3814, 0.3691, 0.3412



88.3804, 0.3262, 0.3324



43.9718, 0.3237, 0.2703



18.4751, 0.3290, 0.3330



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.



45.3814, 0.3691, 0.3412



58.8291, 0.3852, 0.3439



57.3129, 0.3601, 0.3749



13.3997, 0.3287, 0.3330



9.8011, 0.6228, 0.3437



0.7443, 0.5938, 0.3667

Inverse Universe

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



57.4582, 0.2716, 0.3164



78.7726, 0.2636, 0.3134



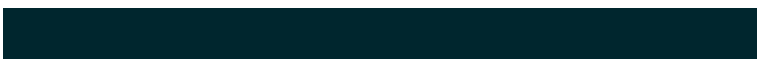
44.5807, 0.2678, 0.2784



14.4416, 0.2982, 0.3250



23.1476, 0.2098, 0.2754



1.5997, 0.2125, 0.2850

Previews

White Background



This preview shows how the Yxy color 45.3793, 0.3691, 0.3412 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 45.3793, 0.3691, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

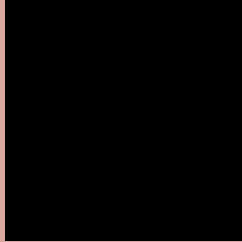
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3793, 0.3691, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 45.3793, 0.3691, 0.3412.



This preview shows how white text looks on a background with the Yxy color 45.3793, 0.3691, 0.3412.

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

45.3793, 0.3691, 0.3412

Protanopia

45.4853, 0.3321, 0.3488

Deuteranopia

45.3006, 0.3562, 0.3492



Tritanopia

45.3403, 0.3529, 0.3137

Trichromacy



Original Color

45.3793, 0.3691, 0.3412

Protanomaly

45.2743, 0.3447, 0.3457

Deuteranomaly

45.2618, 0.3615, 0.3465

Tritanomaly

45.2728, 0.3583, 0.3232

Monochromacy



Original Color

45.3793, 0.3691, 0.3412

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0635, 0.3320, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3793, 0.3691, 0.3412 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(218, 168, 158)` looks like.

```
.text, #text, p{  
    color:rgb(218, 168, 158)  
}
```

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(218, 168, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 168, 158) }
```

Border

The CSS property to change the border of an element to Yxy 45.3793, 0.3691, 0.3412 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(218, 168, 158) }
```

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

```
.border{ border-color:rgb(218, 168, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 168, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 168, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 168, 158);  
box-shadow:4px 4px 4px 4px rgb(218, 168,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3793, 0.3691, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 168, 158) }
```

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

```
.background{ background-color: rgb(218,  
168, 158) }
```

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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