

Converting Colors

$Yxy(45.4518, 0.3606, 0.3566)$

Have a look what the booklet for
Yxy(45.4518, 0.3606, 0.3566)
contains.

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Color

Yxy(45.5182, 0.3604, 0.3568)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CDAE98 |
| RGB | 205, 174, 152 |
| RGB Percent | 80%, 68%, 60% |
| CMY | 0.1962, 0.3176, 0.4038 |
| CMYK | 0.00, 0.15, 0.26, 0.20 |
| HSL | 25°, 35%, 70% |
| HSV | 25°, 26%, 80% |
| XYZ | 45.9775, 45.5182, 36.0778 |
| YIQ | 180.7610, 25.5380, -0.2700 |

Conversions

Conversions Part 2

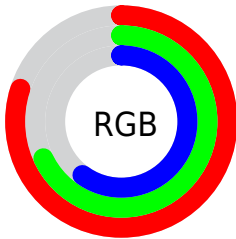
| Format | Color |
|-------------------------------------|--|
| RYB | 205, 190, 152 |
| Decimal | 13479576 |
| CIELab | 73.23, 7.88, 15.45 |
| CIELCh | 73, 17.345, 62.982 |
| Yxy | 45.5182, 0.3604, 0.3568 |
| Android (android.graphics.Color) | 4291669656 (0xFFCDAE98) |
| YUV | 180.7610, -14.1792, 21.2576 |
| Hunter-Lab | 67.4672, 3.5764, 15.5220 |

Details

The Yxy color **45.5182, 0.3604, 0.3568** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9479, 0.2725, 0.2994**, and the grayscale version is **46.1411, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7549, 0.3464, 0.3523**, and **21.3427, 0.3741, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **40.4783, 0.3841, 0.3681**, and if you desaturate by 10%, it is **51.0918, 0.3398, 0.3456**.

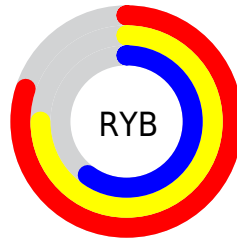
Distribution



Red (80%)

Green (68%)

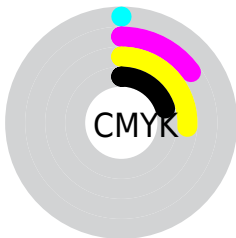
Blue (60%)



Red (80%)

Yellow (75%)

Blue (60%)

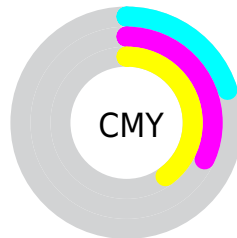


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (32%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5182, 0.3604, 0.3568 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 45.5182, 0.3604, 0.3568 by changing the saturation by 10% instead.

 45.5182, 0.3604,
0.3568


 45.5182, 0.3604,
0.3568


368.8682, 0.3363,
0.3432

 31.8658, 0.3665,
0.3601


 83.4975, 0.3516,
0.3520

 21.2590, 0.3743,
0.3642


 108.5931, 0.3483,
0.3501

 13.3135, 0.3847,
0.3694


138.2720, 0.3455,
0.3486

 7.6448, 0.3992,
0.3765

172.9185, 0.3432,
0.3472

 3.8685, 0.4207,
0.3861

212.9169, 0.3411,
0.3460

 1.6003, 0.4631,
0.4062

258.6518, 0.3393,

 0.3578, 0.5981,

0.3450

0.4019

310.5074, 0.3377,
0.3441

0.0000, 0.0000,
0.0000

45.5182, 0.3604,
0.3568

45.5182, 0.3604,
0.3568

40.4783, 0.3841,
0.3681

51.0918, 0.3398,
0.3456

35.9490, 0.4108,
0.3791

57.2086, 0.3219,
0.3349

31.9147, 0.4401,
0.3887

63.8859, 0.3066,
0.3249

28.3566, 0.4713,
0.3961

71.1383, 0.2934,
0.3156

25.2542, 0.5027,
0.3997

78.9798, 0.2821,
0.3071

■ 22.5853, 0.5321,
0.3985

■ 86.0670, 0.2827,
0.3194

■ 20.3244, 0.5570,
0.3920

■ 91.7162, 0.2832,
0.3289

■ 19.4904, 0.5665,
0.3884

Harmonies

Analogous

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



45.5182, 0.3586, 0.3375



45.5182, 0.3604, 0.3568



45.5182, 0.3489, 0.3697

Triad

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



45.5182, 0.3604, 0.3568



45.5182, 0.2819, 0.3406



45.5182, 0.2963, 0.2898

Complementary

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



45.5182, 0.3604, 0.3568



44.9479, 0.2725, 0.2994

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.



45.5182, 0.2769, 0.2893



45.5182, 0.3604, 0.3568



45.5182, 0.2689, 0.3176

Square

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



45.5182, 0.3604, 0.3568



45.5182, 0.3034, 0.3610



45.5182, 0.2671, 0.2990



45.5182, 0.3208, 0.2999

Rectangle

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



45.5182, 0.3604, 0.3568



45.5182, 0.3356, 0.3725



45.5182, 0.2671, 0.2990



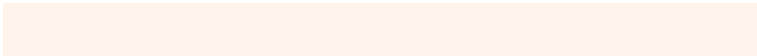
45.5182, 0.2890, 0.2885

Sweetspot

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



45.5203, 0.3604, 0.3568



91.3783, 0.3258, 0.3373



38.8924, 0.3353, 0.2896



19.2261, 0.3284, 0.3389



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.



45.5203, 0.3604, 0.3568



69.8818, 0.3732, 0.3631



56.4061, 0.3529, 0.3871



11.9661, 0.3280, 0.3387



12.3142, 0.5640, 0.3904



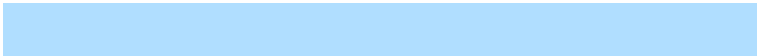
0.7839, 0.5291, 0.4181

Inverse Universe

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



44.9479, 0.2725, 0.2994



68.7813, 0.2637, 0.2921



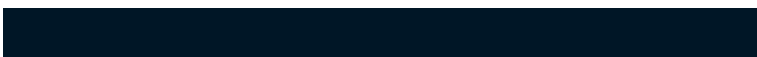
35.3064, 0.2692, 0.2634



11.9158, 0.2983, 0.3191



11.2803, 0.1856, 0.1881



0.7296, 0.1940, 0.2185

Previews

White Background



This preview shows how the Yxy color 45.5182, 0.3604, 0.3568 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 45.5182, 0.3604, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

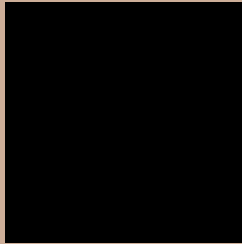
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5182, 0.3604, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 45.5182, 0.3604, 0.3568.



This preview shows how white text looks on a background with the Yxy color 45.5182, 0.3604, 0.3568.

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

45.5182, 0.3604, 0.3568

Protanopia

45.8279, 0.3413, 0.3619

Deuteranopia

45.4195, 0.3626, 0.3554



Tritanopia

45.7237, 0.3372, 0.3132

Trichromacy



Original Color

45.5182, 0.3604, 0.3568

Protanomaly

45.7760, 0.3482, 0.3601

Deuteranomaly

45.2760, 0.3617, 0.3555

Tritanomaly

45.5143, 0.3459, 0.3279

Monochromacy



Original Color

45.5182, 0.3604, 0.3568

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6902, 0.3299, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5182, 0.3604, 0.3568 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(205, 174, 152)` looks like.

```
.text, #text, p{  
    color:rgb(205, 174, 152)  
}
```

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(205, 174, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 174, 152) }
```

Border

The CSS property to change the border of an element to Yxy 45.5182, 0.3604, 0.3568 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(205, 174, 152) }
```

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

```
.border{ border-color:rgb(205, 174, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 174, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 174, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 174, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 174,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5182, 0.3604, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 174, 152) }
```

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

```
.background{ background-color: rgb(205,  
174, 152) }
```

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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