

Converting Colors

$Yxy(45.6675, 0.3501, 0.3388)$

Have a look what the booklet for
Yxy(45.6675, 0.3501, 0.3388)
contains.

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Color

Yxy(45.7256, 0.3499, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	CEADA5
RGB	206, 173, 165
RGB Percent	81%, 68%, 65%
CMY	0.1923, 0.3215, 0.3529
CMYK	0.00, 0.16, 0.20, 0.19
HSL	12°, 29%, 73%
HSV	12°, 20%, 81%
XYZ	47.1819, 45.7256, 41.9365
YIQ	181.9550, 22.2360, 4.5080

Conversions

Conversions Part 2

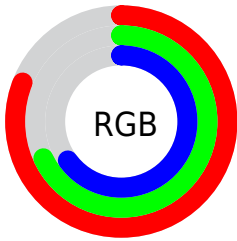
Format	Color
RYB	206, 175, 165
Decimal	13544869
CIELab	73.37, 10.69, 8.57
CIElCh	73, 13.702, 38.696
Yxy	45.7256, 0.3499, 0.3391
Android (android.graphics.Color)	4291734949 (0xFFCEADA5)
YUV	181.9550, -8.3588, 21.0875
Hunter-Lab	67.6207, 6.2110, 10.5645

Details

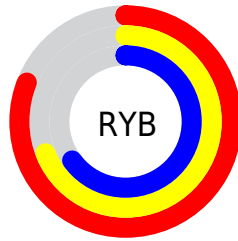
The Yxy color **45.7256, 0.3499, 0.3391** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.8201, 0.2826, 0.3187**, and the grayscale version is **46.7902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9141, 0.3370, 0.3371**, and **21.4463, 0.3607, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **39.0718, 0.3746, 0.3446**, and if you desaturate by 10%, it is **53.2922, 0.3294, 0.3339**.

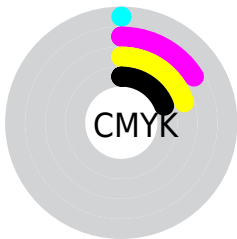
Distribution



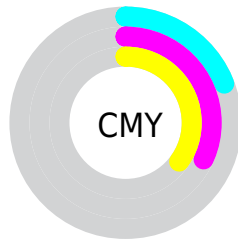
- Red (81%)
- Green (68%)
- Blue (65%)



- Red (81%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (19%)




- Cyan (19%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7256, 0.3499, 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 45.7256, 0.3499, 0.3391 by changing the saturation by 10% instead.


 45.7256, 0.3499,
0.3391


 45.7256, 0.3499,
0.3391


369.7044, 0.3311,
0.3343

 32.0293, 0.3546,
0.3402


 83.8082, 0.3430,
0.3374

 21.3839, 0.3608,
0.3416


 108.9633, 0.3405,
0.3368

 13.4049, 0.3690,
0.3434


138.7068, 0.3383,
0.3362

 7.7080, 0.3806,
0.3456

173.4231, 0.3364,
0.3357

 3.9087, 0.3981,
0.3487

213.4967, 0.3348,
0.3353

 1.6226, 0.4274,
0.3525

259.3118, 0.3334,

 0.3728, 0.6228,

0.3349

0.3772

311.2529, 0.3322,
0.3346

0.0000, 0.0000,
0.0000

45.7256, 0.3499,
0.3391

45.7256, 0.3499,
0.3391

39.0718, 0.3746,
0.3446

53.2922, 0.3294,
0.3339

33.2900, 0.4040,
0.3500

61.7979, 0.3125,
0.3289

28.3457, 0.4385,
0.3548

71.2758, 0.2986,
0.3244

24.1995, 0.4774,
0.3585

81.7555, 0.2870,
0.3203

20.8088, 0.5189,
0.3601

91.8572, 0.2838,
0.3289

■ 18.1270, 0.5594,
0.3586

■ 16.1021, 0.5940,
0.3537

■ 14.6682, 0.6192,
0.3464

■ 14.6553, 0.6195,
0.3463

Harmonies

Analogous

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



45.7256, 0.3401, 0.3226



45.7256, 0.3499, 0.3391



45.7256, 0.3493, 0.3536

Triad

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



45.7256, 0.3499, 0.3391



45.7256, 0.3019, 0.3514



45.7256, 0.2868, 0.2969

Complementary

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



45.7256, 0.3499, 0.3391



52.8201, 0.2826, 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.



45.7256, 0.2773, 0.3033



45.7256, 0.3499, 0.3391



45.7256, 0.2858, 0.3348

Square

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



45.7256, 0.3499, 0.3391



45.7256, 0.3212, 0.3615



45.7256, 0.2769, 0.3170



45.7256, 0.3034, 0.2988

Rectangle

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



45.7256, 0.3499, 0.3391



45.7256, 0.3432, 0.3602



45.7256, 0.2769, 0.3170



45.7256, 0.2827, 0.2982

Sweetspot

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



45.7277, 0.3499, 0.3391



91.4516, 0.3226, 0.3319



44.1262, 0.3214, 0.2886



19.3826, 0.3238, 0.3323



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.



45.7277, 0.3499, 0.3391



69.1806, 0.3602, 0.3415



53.9715, 0.3453, 0.3632



11.5632, 0.3285, 0.3336



9.1365, 0.6173, 0.3481



0.5793, 0.5800, 0.3776

Inverse Universe

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



52.8201, 0.2826, 0.3187



82.7787, 0.2761, 0.3161



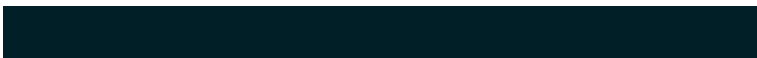
44.2845, 0.2809, 0.2922



12.3395, 0.2983, 0.3244



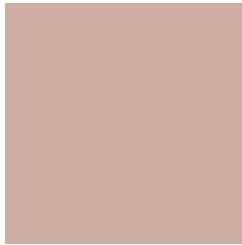
19.6058, 0.2071, 0.2655



1.1093, 0.2109, 0.2793

Previews

White Background



This preview shows how the Yxy color 45.7256, 0.3499, 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 45.7256, 0.3499, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

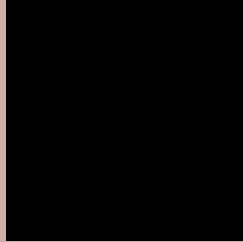
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7256, 0.3499, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 45.7256, 0.3499, 0.3391.



This preview shows how white text looks on a background with the Yxy color 45.7256, 0.3499, 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

45.7256, 0.3499, 0.3391

Protanopia

45.9462, 0.3269, 0.3435

Deuteranopia

45.8261, 0.3478, 0.3404



Tritanopia

45.5782, 0.3362, 0.3132

Trichromacy



Original Color

45.7256, 0.3499, 0.3391

Protanomaly

45.6089, 0.3345, 0.3407

Deuteranomaly

45.9679, 0.3488, 0.3404

Tritanomaly

45.5258, 0.3414, 0.3229

Monochromacy



Original Color

45.7256, 0.3499, 0.3391

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.4512, 0.3257, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7256, 0.3499, 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(206, 173, 165)` looks like.

```
.text, #text, p{  
    color:rgb(206, 173, 165)  
}
```

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(206, 173, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 173, 165) }
```

Border

The CSS property to change the border of an element to Yxy 45.7256, 0.3499, 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(206, 173, 165) }
```

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

```
.border{ border-color:rgb(206, 173, 165) }
```

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

Here you see how a box with a 4 pixel rgb(206, 173, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 173, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 173, 165);  
box-shadow:4px 4px 4px 4px rgb(206, 173,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7256, 0.3499, 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(206, 173, 165) }
```

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

```
.background{ background-color: rgb(206,  
173, 165) }
```

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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