

Converting Colors

$Yxy(43.5766, 0.3496, 0.3328)$

Have a look what the booklet for
Yxy(43.5766, 0.3496, 0.3328)
contains.

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Color

Yxy(43.5592, 0.3492, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	CCA8A5
RGB	204, 168, 165
RGB Percent	80%, 66%, 65%
CMY	0.2001, 0.3411, 0.3529
CMYK	0.00, 0.18, 0.19, 0.20
HSL	5°, 28%, 72%
HSV	5°, 19%, 80%
XYZ	45.6920, 43.5592, 41.5965
YIQ	178.4220, 22.4190, 6.6990

Conversions

Conversions Part 2

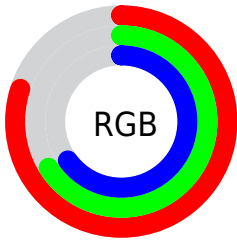
Format	Color
RYB	204, 168, 165
Decimal	13412517
CIELab	71.93, 12.66, 6.49
CIELCh	72, 14.229, 27.126
Yxy	43.5592, 0.3492, 0.3329
Android (android.graphics.Color)	4291602597 (0xFFCCA8A5)
YUV	178.4220, -6.6170, 22.4319
Hunter-Lab	65.9994, 8.0783, 8.8317

Details

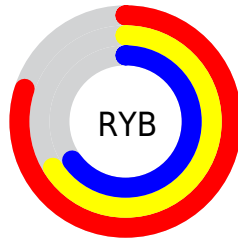
The Yxy color **43.5592, 0.3492, 0.3329** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.1172, 0.2841, 0.3251**, and the grayscale version is **44.7831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2027, 0.3377, 0.3321**, and **20.0726, 0.3600, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **36.4220, 0.3750, 0.3351**, and if you desaturate by 10%, it is **51.8248, 0.3283, 0.3308**.

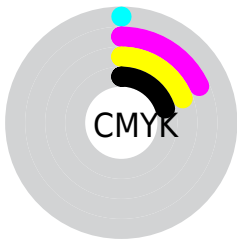
Distribution



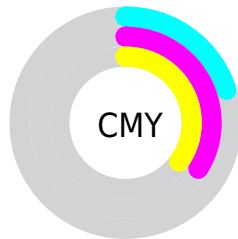
- Red (80%)
- Green (66%)
- Blue (65%)



- Red (80%)
- Yellow (66%)
- Blue (65%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (20%)




- Cyan (20%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5592, 0.3492, 0.3329 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 43.5592, 0.3492, 0.3329 by changing the saturation by 10% instead.

 43.5592, 0.3492,
0.3329


 43.5592, 0.3492,
0.3329

360.9064, 0.3306,
0.3312

 30.3241, 0.3539,
0.3333


 80.5540, 0.3424,
0.3323

 20.0847, 0.3601,
0.3337


 105.0826, 0.3398,
0.3321

 12.4567, 0.3684,
0.3341


134.1444, 0.3377,
0.3319

 7.0555, 0.3802,
0.3347

168.1239, 0.3359,
0.3317

 3.4968, 0.3983,
0.3350

207.4054, 0.3343,
0.3316

 1.3963, 0.4293,
0.3346

252.3735, 0.3329,

 0.2140, 0.7055,

0.3314

0.2945

303.4123, 0.3317,
0.3313

0.0000, 0.0000,
0.0000

43.5592, 0.3492,
0.3329

43.5592, 0.3492,
0.3329

36.4220, 0.3750,
0.3351

51.8248, 0.3283,
0.3308

30.3585, 0.4064,
0.3373

61.2585, 0.3113,
0.3288

25.3187, 0.4439,
0.3392

71.9053, 0.2976,
0.3270

21.2459, 0.4868,
0.3406

83.8063, 0.2864,
0.3254

18.0782, 0.5326,
0.3410

91.5747, 0.2827,
0.3289

■ 15.7463, 0.5763,
0.3399

■ 14.1709, 0.6114,
0.3374

■ 13.2533, 0.6333,
0.3342

■ 13.1983, 0.6349,
0.3341

Harmonies

Analogous

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



43.5592, 0.3353, 0.3159



43.5592, 0.3492, 0.3329



43.5592, 0.3530, 0.3495

Triad

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



43.5592, 0.3492, 0.3329



43.5592, 0.3090, 0.3579



43.5592, 0.2805, 0.2968

Complementary

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



43.5592, 0.3492, 0.3329



54.1172, 0.2841, 0.3251

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.



43.5592, 0.2740, 0.3067



43.5592, 0.3492, 0.3329



43.5592, 0.2901, 0.3423

Square

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



43.5592, 0.3492, 0.3329



43.5592, 0.3293, 0.3649



43.5592, 0.2775, 0.3233



43.5592, 0.2954, 0.2954

Rectangle

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



43.5592, 0.3492, 0.3329



43.5592, 0.3492, 0.3583



43.5592, 0.2775, 0.3233



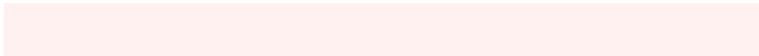
43.5592, 0.2773, 0.2992

Sweetspot

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



43.5612, 0.3492, 0.3329



90.3743, 0.3228, 0.3302



43.9803, 0.3171, 0.2850



19.1290, 0.3239, 0.3303



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.



43.5612, 0.3492, 0.3329



66.9796, 0.3594, 0.3338



51.1301, 0.3449, 0.3564



11.3506, 0.3288, 0.3309



8.3629, 0.6336, 0.3351



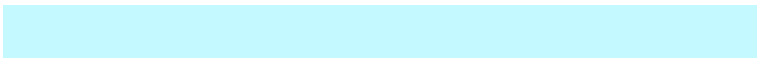
0.4810, 0.6135, 0.3510

Inverse Universe

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



54.1172, 0.2841, 0.3251



87.6655, 0.2782, 0.3241



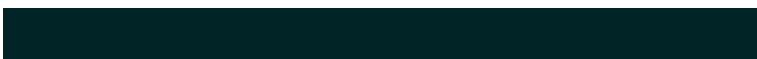
45.7699, 0.2826, 0.3000



12.5729, 0.2984, 0.3271



25.5080, 0.2180, 0.3049



1.3610, 0.2194, 0.3099

Previews

White Background



This preview shows how the Yxy color 43.5592, 0.3492, 0.3329 looks on a white background.

Color Contrast Check

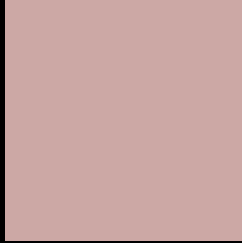
Large Text (above 18pt) WCAG AA × Fail

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 43.5592, 0.3492, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

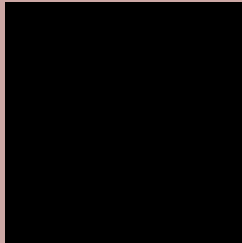
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5592, 0.3492, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 43.5592, 0.3492, 0.3329.



This preview shows how white text looks on a background with the Yxy color 43.5592, 0.3492, 0.3329.

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

43.5592, 0.3492, 0.3329

Protanopia

43.7390, 0.3229, 0.3384

Deuteranopia

43.4718, 0.3431, 0.3355



Tritanopia

43.6489, 0.3386, 0.3130

Trichromacy



Original Color

43.5592, 0.3492, 0.3329

Protanomaly

43.5331, 0.3315, 0.3356

Deuteranomaly

43.3719, 0.3452, 0.3342

Tritanomaly

43.6726, 0.3421, 0.3204

Monochromacy



Original Color

43.5592, 0.3492, 0.3329

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8540, 0.3252, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5592, 0.3492, 0.3329 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(204, 168, 165)` looks like.

```
.text, #text, p{  
    color:rgb(204, 168, 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(204, 168, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 168, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.5592, 0.3492, 0.3329 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(204, 168, 165) }
```

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

```
.border{ border-color:rgb(204, 168, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 168, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 168, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 168, 165);  
box-shadow:4px 4px 4px 4px rgb(204, 168,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5592, 0.3492, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 168, 165) }
```

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

```
.background{ background-color: rgb(204,  
168, 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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