

Converting Colors

$Yxy(44.4619, 0.3546, 0.3495)$

Have a look what the booklet for
Yxy(44.4619, 0.3546, 0.3495)
contains.

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Color

Yxy(44.4619, 0.3546, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	CAAC9C
RGB	202, 172, 156
RGB Percent	79%, 67%, 61%
CMY	0.2078, 0.3255, 0.3884
CMYK	0.00, 0.15, 0.23, 0.21
HSL	21°, 30%, 70%
HSV	21°, 23%, 79%
XYZ	45.1107, 44.4619, 37.6431
YIQ	179.1460, 23.0160, 1.3840

Conversions

Conversions Part 2

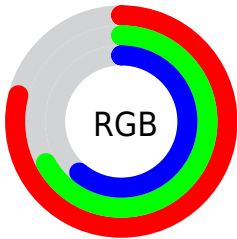
Format	Color
R _Y B	202, 181, 156
Decimal	13282460
CIE Lab	72.54, 8.40, 12.28
CIE LCh	73, 14.875, 55.638
Yxy	44.4619, 0.3546, 0.3495
Android (android.graphics.Color)	4291472540 (0xFFCAAC9C)
YUV	179.1460, -11.4110, 20.0430
Hunter-Lab	66.6798, 4.0706, 13.2045

Details

The Yxy color **44.4619, 0.3546, 0.3495** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.4389, 0.2776, 0.3075**, and the grayscale version is **45.2146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8513, 0.3440, 0.3462**, and **20.6559, 0.3661, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **39.0695, 0.3783, 0.3591**, and if you desaturate by 10%, it is **50.4688, 0.3343, 0.3402**.

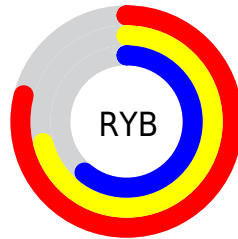
Distribution



Red (79%)

Green (67%)

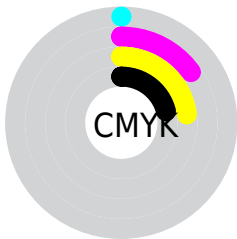
Blue (61%)



Red (79%)

Yellow (71%)

Blue (61%)

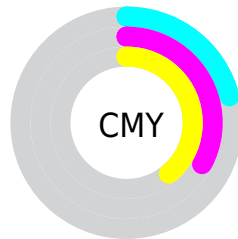


Cyan (0%)

Magenta (15%)

Yellow (23%)

Black (21%)



Cyan (21%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4619, 0.3546, 0.3495 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 44.4619, 0.3546, 0.3495 by changing the saturation by 10% instead.

 44.4619, 0.3546,
0.3495


 44.4619, 0.3546,
0.3495


364.5898, 0.3334,
0.3395

 31.0338, 0.3600,
0.3519


 81.9123, 0.3468,
0.3459

 20.6246, 0.3670,
0.3550


 106.7035, 0.3439,
0.3446

 12.8499, 0.3763,
0.3589


136.0511, 0.3415,
0.3434

 7.3252, 0.3895,
0.3642

170.3395, 0.3394,
0.3424

 3.6663, 0.4094,
0.3715

209.9532, 0.3376,
0.3415

 1.4887, 0.4462,
0.3850

255.2766, 0.3360,


 0.2808, 0.6269,

0.3408


0.3731


306.6940, 0.3346,
0.3401

 0.0000, 0.0000,
0.0000


 44.4619, 0.3546,
0.3495


 44.4619, 0.3546,
0.3495


 39.0695, 0.3783,
0.3591

 50.4688, 0.3343,
0.3402


 34.2654, 0.4056,
0.3684


 57.1031, 0.3171,
0.3314


 30.0306, 0.4363,
0.3769

 64.3849, 0.3024,
0.3232

 26.3425, 0.4699,
0.3835

 72.3317, 0.2899,
0.3156

 23.1770, 0.5046,
0.3870

 80.8323, 0.2804,
0.3107

■ 20.5076, 0.5381,
0.3862

■ 88.7747, 0.2813,
0.3247

■ 18.3050, 0.5672,
0.3803

■ 91.2983, 0.2816,
0.3289

■ 16.9820, 0.5849,
0.3738

Harmonies

Analogous

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



44.4619, 0.3501, 0.3321



44.4619, 0.3546, 0.3495



44.4619, 0.3474, 0.3623

Triad

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



44.4619, 0.3546, 0.3495



44.4619, 0.2901, 0.3438



44.4619, 0.2938, 0.2940

Complementary

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



44.4619, 0.3546, 0.3495



46.4389, 0.2776, 0.3075

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.



44.4619, 0.2787, 0.2958



44.4619, 0.3546, 0.3495



44.4619, 0.2766, 0.3240

Square

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



44.4619, 0.3546, 0.3495



44.4619, 0.3099, 0.3596



44.4619, 0.2725, 0.3065



44.4619, 0.3145, 0.3009

Rectangle

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



44.4619, 0.3546, 0.3495



44.4619, 0.3372, 0.3662



44.4619, 0.2725, 0.3065



44.4619, 0.2880, 0.2936

Sweetspot

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



44.4639, 0.3546, 0.3495



91.7036, 0.3241, 0.3351



39.8988, 0.3292, 0.2908



19.4807, 0.3252, 0.3356



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.



44.4639, 0.3546, 0.3495



70.9667, 0.3650, 0.3539



53.6921, 0.3487, 0.3765



11.8420, 0.3281, 0.3371



11.0778, 0.5824, 0.3757



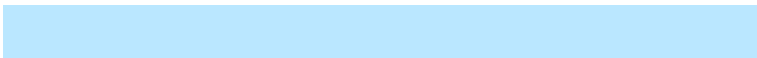
0.7129, 0.5445, 0.4058

Inverse Universe

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



46.4389, 0.2776, 0.3075



74.8435, 0.2706, 0.3027



37.7535, 0.2753, 0.2765



12.0438, 0.2983, 0.3207



13.4758, 0.1922, 0.2118



0.8338, 0.1993, 0.2374

Previews

White Background



This preview shows how the Yxy color 44.4619, 0.3546, 0.3495 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 44.4619, 0.3546, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

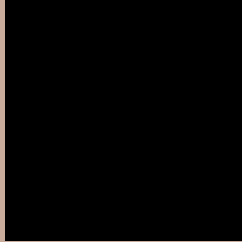
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4619, 0.3546, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 44.4619, 0.3546, 0.3495.



This preview shows how white text looks on a background with the Yxy color 44.4619, 0.3546, 0.3495.

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

44.4619, 0.3546, 0.3495

Protanopia

44.7831, 0.3356, 0.3542

Deuteranopia

44.6019, 0.3555, 0.3494



Tritanopia

44.3206, 0.3356, 0.3130

Trichromacy



Original Color

44.4619, 0.3546, 0.3495

Protanomaly

44.7258, 0.3424, 0.3526

Deuteranomaly

44.6019, 0.3555, 0.3494

Tritanomaly

44.1919, 0.3426, 0.3253

Monochromacy



Original Color

44.4619, 0.3546, 0.3495

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.5557, 0.3267, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4619, 0.3546, 0.3495 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(202, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(202, 172, 156)  
}
```

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(202, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 172, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.4619, 0.3546, 0.3495 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(202, 172, 156) }
```

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

```
.border{ border-color:rgb(202, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 172, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 172, 156);  
box-shadow:4px 4px 4px 4px rgb(202, 172,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4619, 0.3546, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 172, 156) }
```

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

```
.background{ background-color: rgb(202,  
172, 156) }
```

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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