

Converting Colors

$Y_{xy}(43.5765, 0.3520, 0.3442)$

Have a look what the booklet for
Yxy(43.5765, 0.3520, 0.3442)
contains.

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Color

Yxy(43.6356, 0.3523, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	C9AA9E
RGB	201, 170, 158
RGB Percent	79%, 67%, 62%
CMY	0.2117, 0.3333, 0.3803
CMYK	0.00, 0.15, 0.21, 0.21
HSL	17°, 28%, 70%
HSV	17°, 21%, 79%
XYZ	44.6365, 43.6356, 38.4282
YIQ	177.9010, 22.3280, 2.8400

Conversions

Conversions Part 2

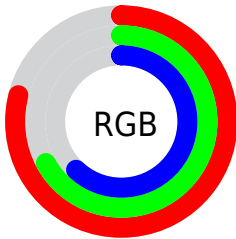
Format	Color
RYB	201, 175, 158
Decimal	13216414
CIELab	71.98, 9.40, 10.36
CIELCh	72, 13.990, 47.768
Yxy	43.6356, 0.3523, 0.3444
Android (android.graphics.Color)	4291406494 (0xFFC9AA9E)
YUV	177.9010, -9.8112, 20.2578
Hunter-Lab	66.0572, 5.0167, 11.7486

Details

The Yxy color **43.6356, 0.3523, 0.3444** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.8974, 0.2801, 0.3131**, and the grayscale version is **44.5118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9145, 0.3423, 0.3412**, and **20.1294, 0.3631, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **37.8608, 0.3764, 0.3521**, and if you desaturate by 10%, it is **50.1272, 0.3319, 0.3369**.

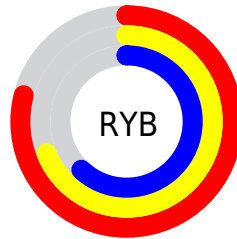
Distribution



Red (79%)

Green (67%)

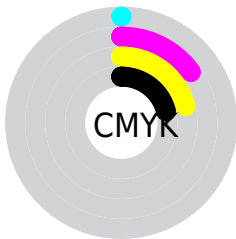
Blue (62%)



Red (79%)

Yellow (69%)

Blue (62%)

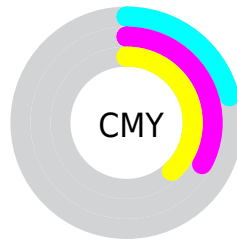


Cyan (0%)

Magenta (15%)

Yellow (21%)

Black (21%)



Cyan (21%)


Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6356, 0.3523, 0.3444 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 43.6356, 0.3523, 0.3444 by changing the saturation by 10% instead.


 43.6356, 0.3523,
0.3444


 43.6356, 0.3523,
0.3444


361.2192, 0.3321,
0.3369

 30.3841, 0.3574,
0.3462


 80.6691, 0.3449,
0.3417

 20.1303, 0.3641,
0.3484


 105.2200, 0.3421,
0.3407

 12.4898, 0.3731,
0.3514


134.3061, 0.3398,
0.3398

 7.0782, 0.3858,
0.3552

168.3118, 0.3378,
0.3391

 3.5110, 0.4052,
0.3606

207.6216, 0.3361,
0.3384

 1.4040, 0.4403,
0.3699

252.6198, 0.3346,

 0.2197, 0.6662,

0.3379

0.3338

303.6909, 0.3333,
0.3374

0.0000, 0.0000,
0.0000

43.6356, 0.3523,
0.3444

43.6356, 0.3523,
0.3444

37.8608, 0.3764,
0.3521

50.1272, 0.3319,
0.3369

32.7721, 0.4047,
0.3597

57.3533, 0.3149,
0.3299

28.3450, 0.4372,
0.3666

65.3384, 0.3005,
0.3234

24.5515, 0.4732,
0.3718

74.1040, 0.2885,
0.3175

21.3612, 0.5112,
0.3744

83.4414, 0.2801,
0.3157

■ 18.7412, 0.5481,
0.3732

■ 91.1584, 0.2811,
0.3289

■ 16.6549, 0.5801,
0.3675

■ 15.2473, 0.6022,
0.3600

Harmonies

Analogous

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



43.6356, 0.3452, 0.3275



43.6356, 0.3523, 0.3444



43.6356, 0.3483, 0.3580

Triad

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



43.6356, 0.3523, 0.3444



43.6356, 0.2959, 0.3475



43.6356, 0.2904, 0.2955

Complementary

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



43.6356, 0.3523, 0.3444



47.8974, 0.2801, 0.3131

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.



43.6356, 0.2780, 0.2995



43.6356, 0.3523, 0.3444



43.6356, 0.2811, 0.3293

Square

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



43.6356, 0.3523, 0.3444



43.6356, 0.3154, 0.3606



43.6356, 0.2747, 0.3116



43.6356, 0.3090, 0.2999

Rectangle

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



43.6356, 0.3523, 0.3444



43.6356, 0.3401, 0.3632



43.6356, 0.2747, 0.3116



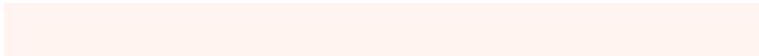
43.6356, 0.2854, 0.2958

Sweetspot

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



43.6376, 0.3523, 0.3444



92.2125, 0.3225, 0.3332



40.5784, 0.3254, 0.2898



19.5620, 0.3236, 0.3336



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.



43.6376, 0.3523, 0.3444



69.6306, 0.3638, 0.3482



52.1397, 0.3470, 0.3701



11.1100, 0.3283, 0.3355



9.7206, 0.5997, 0.3620



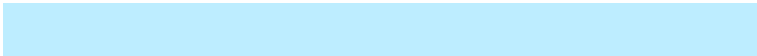
0.5856, 0.5574, 0.3956

Inverse Universe

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



47.8974, 0.2801, 0.3131



78.2954, 0.2726, 0.3089



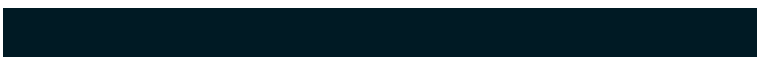
39.5141, 0.2781, 0.2842



11.5486, 0.2984, 0.3224



15.5445, 0.1991, 0.2367



0.8534, 0.2051, 0.2582

Previews

White Background



This preview shows how the Yxy color 43.6356, 0.3523, 0.3444 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 43.6356, 0.3523, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

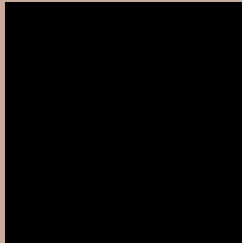
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6356, 0.3523, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 43.6356, 0.3523, 0.3444.



This preview shows how white text looks on a background with the Yxy color 43.6356, 0.3523, 0.3444.

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

43.6356, 0.3523, 0.3444

Protanopia

43.6912, 0.3315, 0.3491

Deuteranopia

43.4974, 0.3514, 0.3445



Tritanopia

43.7701, 0.3357, 0.3129

Trichromacy



Original Color

43.6356, 0.3523, 0.3444

Protanomaly

43.7573, 0.3392, 0.3475

Deuteranomaly

43.4974, 0.3514, 0.3445

Tritanomaly

43.6803, 0.3418, 0.3241

Monochromacy



Original Color

43.6356, 0.3523, 0.3444

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0393, 0.3259, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6356, 0.3523, 0.3444 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(201, 170, 158)` looks like.

```
.text, #text, p{  
    color:rgb(201, 170, 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(201, 170, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 170, 158) }
```

Border

The CSS property to change the border of an element to Yxy 43.6356, 0.3523, 0.3444 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(201, 170, 158) }
```

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

```
.border{ border-color:rgb(201, 170, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 170, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 170, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 170, 158);  
box-shadow:4px 4px 4px 4px rgb(201, 170,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6356, 0.3523, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 170, 158) }
```

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

```
.background{ background-color: rgb(201,  
170, 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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