

Converting Colors

Yxy(54.3944, 0.3581, 0.4024)

Have a look what the booklet for
Yxy(54.3944, 0.3581, 0.4024)
contains.

Yxy(54.3944, 0.3581, 0.4024)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3944, 0.3581, 0.4024)

Conversions

Conversions Part 1

Format	Color
Hex	C7C68B
RGB	199, 198, 139
RGB Percent	78%, 78%, 55%
CMY	0.2196, 0.2235, 0.4549
CMYK	0.00, 0.00, 0.30, 0.22
HSL	59°, 35%, 66%
HSV	59°, 30%, 78%
XYZ	48.4061, 54.3944, 32.3744
YIQ	191.5730, 19.5350, -18.1370

Conversions

Conversions Part 2

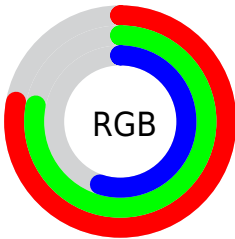
Format	Color
RYB	140, 199, 139
Decimal	13092491
CIELab	78.69, -8.86, 29.77
CIELCh	79, 31.062, 106.572
Yxy	54.3944, 0.3581, 0.4024
Android (android.graphics.Color)	4291282571 (0xFFC7C68B)
YUV	191.5730, -25.9185, 6.5135
Hunter-Lab	73.7526, -11.9118, 25.6009

Details

The Yxy color **54.3944, 0.3581, 0.4024** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.3653, 0.2601, 0.2433**, and the grayscale version is **52.5965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **26.5804, 0.3691, 0.4222** is the 20% darker color. If you saturate the color by 10%, you get **53.7178, 0.3728, 0.4260**, and if you desaturate by 10%, it is **55.1821, 0.3429, 0.3779**.

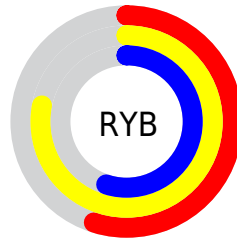
Distribution



Red (78%)

Green (78%)

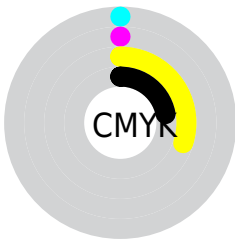
Blue (55%)



Red (55%)

Yellow (78%)

Blue (55%)

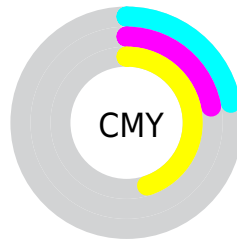


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3944, 0.3581, 0.4024 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 54.3944, 0.3581, 0.4024 by changing the saturation by 10% instead.

■ 54.3944, 0.3581,
0.4024

■ 54.3944, 0.3581,
0.4024

403.6122, 0.3366,
0.3663

■ 38.9171, 0.3630,
0.4111

■ 96.6531, 0.3506,
0.3895

■ 26.6952, 0.3690,
0.4221

■ 124.2032, 0.3477,
0.3845

■ 17.3445, 0.3765,
0.4364

■ 156.5464, 0.3452,
0.3804

■ 10.4804, 0.3858,
0.4553

194.0671, 0.3431,
0.3768

■ 5.7186, 0.3974,
0.4815

237.1496, 0.3412,
0.3736

■ 2.6747, 0.4265,
0.5389

286.1784, 0.3395,

■ 0.9644, 0.4200,

0.3709

0.5800

341.5378, 0.3380,
0.3684

0.0000, 0.0000,
0.0000

54.3944, 0.3581,
0.4024

54.3944, 0.3581,
0.4024

53.7178, 0.3728,
0.4260

55.1821, 0.3429,
0.3779

53.1391, 0.3864,
0.4477

56.0790, 0.3277,
0.3533

52.6546, 0.3983,
0.4666


57.0923, 0.3129,
0.3293


52.2573, 0.4080,
0.4818


58.2267, 0.2989,
0.3065


51.9391, 0.4152,
0.4929


59.4866, 0.2857,
0.2850


 51.6906, 0.4198,
0.4997

 60.6555, 0.2755,
0.2685

 51.4963, 0.4222,
0.5030

 60.8070, 0.2755,
0.2688

 60.9590, 0.2756,
0.2692

 61.1112, 0.2756,
0.2696

Harmonies

Analogous

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



54.3944, 0.3866, 0.3859



54.3944, 0.3581, 0.4024



54.3944, 0.3185, 0.3974

Triad

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



54.3944, 0.3581, 0.4024



54.3944, 0.2369, 0.2929



54.3944, 0.3446, 0.2926

Complementary

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



54.3944, 0.3581, 0.4024



28.3653, 0.2601, 0.2433

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.



54.3944, 0.3026, 0.2709



54.3944, 0.3581, 0.4024



54.3944, 0.2426, 0.2693

Square

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



54.3944, 0.3581, 0.4024



54.3944, 0.2497, 0.3297



54.3944, 0.2658, 0.2622



54.3944, 0.3793, 0.3231

Rectangle

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



54.3944, 0.3581, 0.4024



54.3944, 0.2914, 0.3810



54.3944, 0.2658, 0.2622



54.3944, 0.3307, 0.2842

Sweetspot

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



54.3969, 0.3581, 0.4024



98.3687, 0.3262, 0.3509



32.5008, 0.3785, 0.3279



21.0020, 0.3284, 0.3544



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.



54.3969, 0.3581, 0.4024



94.4729, 0.3676, 0.4176



51.2536, 0.3332, 0.4099



12.3859, 0.3266, 0.3515



33.1294, 0.4222, 0.5030



1.5784, 0.4215, 0.5035

Inverse Universe

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



28.3653, 0.2601, 0.2433



41.8329, 0.2470, 0.2217



30.9139, 0.2862, 0.2479



10.3149, 0.2983, 0.3055



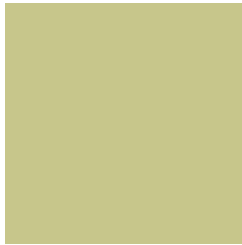
2.7097, 0.1503, 0.0612



0.1383, 0.1515, 0.0654

Previews

White Background



This preview shows how the Yxy color 54.3944, 0.3581, 0.4024 looks on a white background.

Color Contrast Check

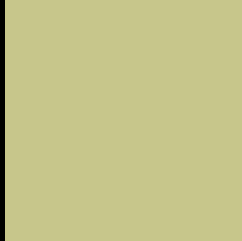
Large Text (above 18pt) WCAG AA × Fail

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 54.3944, 0.3581, 0.4024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

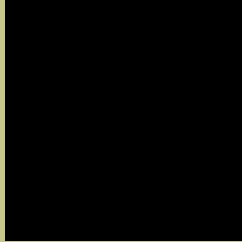
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3944, 0.3581, 0.4024

Background



This preview shows how black text looks on a background with the Yxy color 54.3944, 0.3581, 0.4024.



This preview shows how white text looks on a background with the Yxy color 54.3944, 0.3581, 0.4024.

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

54.3944, 0.3581, 0.4024

Protanopia

54.5668, 0.3695, 0.3979

Deuteranopia

54.0298, 0.3894, 0.3803



Tritanopia

54.5001, 0.3152, 0.3114

Trichromacy



Original Color

54.3944, 0.3581, 0.4024

Protanomaly

54.4366, 0.3656, 0.3998

Deuteranomaly

53.7804, 0.3779, 0.3881

Tritanomaly

54.3135, 0.3309, 0.3436

Monochromacy



Original Color

54.3944, 0.3581, 0.4024

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2028, 0.3295, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3944, 0.3581, 0.4024 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(199, 198, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 139)  
}
```

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(199, 198, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 139) }
```

Border

The CSS property to change the border of an element to Yxy 54.3944, 0.3581, 0.4024 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(199, 198, 139) }
```

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

```
.border{ border-color:rgb(199, 198, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3944, 0.3581, 0.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 139) }
```

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

```
.background{ background-color: rgb(199,  
198, 139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor