

Converting Colors

Yxy(54.1827, 0.3403, 0.3746)

Have a look what the booklet for
Yxy(54.1827, 0.3403, 0.3746)
contains.

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Color

Yxy(54.3409, 0.3407, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	C5C5A0
RGB	197, 197, 160
RGB Percent	77%, 77%, 63%
CMY	0.2273, 0.2275, 0.3725
CMYK	0.00, 0.00, 0.19, 0.23
HSL	60°, 24%, 70%
HSV	60°, 19%, 77%
XYZ	49.3442, 54.3409, 41.1467
YIQ	192.7820, 11.8770, -11.5070

Conversions

Conversions Part 2

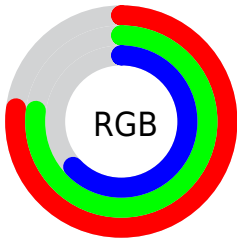
Format	Color
RYB	160, 197, 160
Decimal	12961184
CIELab	78.66, -6.16, 18.61
CIELCh	79, 19.605, 108.321
Yxy	54.3409, 0.3407, 0.3752
Android (android.graphics.Color)	4291151264 (0xFFC5C5A0)
YUV	192.7820, -16.1615, 3.6992
Hunter-Lab	73.7163, -9.5192, 18.5071

Details

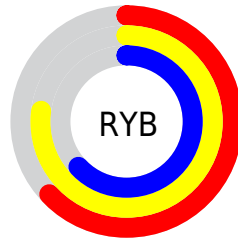
The Yxy color **54.3409, 0.3407, 0.3752** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.6636, 0.2820, 0.2782**, and the grayscale version is **53.2892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8607, 0.3358, 0.3672**, and **26.5673, 0.3484, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **53.6977, 0.3558, 0.4001**, and if you desaturate by 10%, it is **55.0982, 0.3256, 0.3503**.

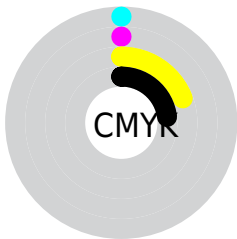
Distribution



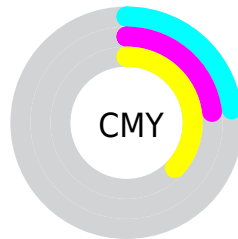
- Red (77%)
- Green (77%)
- Blue (63%)



- Red (63%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (23%)





- Cyan (23%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3409, 0.3407, 0.3752 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 54.3409, 0.3407, 0.3752 by changing the saturation by 10% instead.


 54.3409, 0.3407,
0.3752


 54.3409, 0.3407,
0.3752


403.4086, 0.3273,
0.3524

 38.8743, 0.3439,
0.3808


 96.5746, 0.3359,
0.3670

 26.6619, 0.3478,
0.3878

 124.1105, 0.3341,
0.3639

 17.3195, 0.3529,
0.3971


156.4382, 0.3326,
0.3613

 10.4625, 0.3597,
0.4097

193.9422, 0.3312,
0.3590

 5.7067, 0.3689,
0.4279

237.0068, 0.3300,
0.3570

 2.6676, 0.3819,
0.4560

286.0165, 0.3290,

 0.9607, 0.4419,

0.3553

0.5581

341.3557, 0.3281,
0.3538

0.0000, 0.0000,
0.0000

54.3409, 0.3407,
0.3752

54.3409, 0.3407,
0.3752

53.6977, 0.3558,
0.4001

55.0982, 0.3256,
0.3503

53.1563, 0.3703,
0.4241

55.9672, 0.3110,
0.3261

52.7134, 0.3838,
0.4463

56.9548, 0.2970,
0.3031

52.3631, 0.3956,
0.4658

58.0653, 0.2839,
0.2815

52.0986, 0.4052,
0.4817

59.0738, 0.2740,
0.2650

■ 51.9124, 0.4124,
0.4935

■ 59.0835, 0.2740,
0.2650

■ 51.7952, 0.4170,
0.5009

■ 59.0933, 0.2740,
0.2650

■ 51.7325, 0.4193,
0.5047

■ 59.1030, 0.2740,
0.2651

■ 51.7261, 0.4195,
0.5051

■ 59.1128, 0.2740,
0.2651

Harmonies

Analogous

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



54.3409, 0.3589, 0.3668



54.3409, 0.3407, 0.3752



54.3409, 0.3155, 0.3704

Triad

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



54.3409, 0.3407, 0.3752



54.3409, 0.2636, 0.3057



54.3409, 0.3346, 0.3066

Complementary

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



54.3409, 0.3407, 0.3752



36.6636, 0.2820, 0.2782

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.



54.3409, 0.3082, 0.2917



54.3409, 0.3407, 0.3752



54.3409, 0.2681, 0.2904

Square

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



54.3409, 0.3407, 0.3752



54.3409, 0.2715, 0.3286



54.3409, 0.2841, 0.2857



54.3409, 0.3555, 0.3272

Rectangle

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



54.3409, 0.3407, 0.3752



54.3409, 0.2982, 0.3598



54.3409, 0.2841, 0.2857



54.3409, 0.3260, 0.3009

Sweetspot

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



54.3433, 0.3407, 0.3752



99.0428, 0.3216, 0.3437



39.5777, 0.3484, 0.3283



21.1779, 0.3226, 0.3453



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.



54.3433, 0.3407, 0.3752



96.7408, 0.3476, 0.3866



52.0865, 0.3257, 0.3775



12.4150, 0.3265, 0.3518



34.0100, 0.4195, 0.5051



1.6110, 0.4195, 0.5051

Inverse Universe

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



36.6636, 0.2820, 0.2782



58.6696, 0.2734, 0.2641



38.6291, 0.2976, 0.2804



10.2893, 0.2983, 0.3051



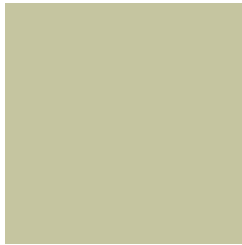
2.6554, 0.1500, 0.0601



0.1264, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 54.3409, 0.3407, 0.3752 looks on a white background.

Color Contrast Check

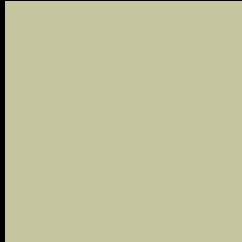
Large Text (above 18pt) WCAG AA × Fail

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 54.3409, 0.3407, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

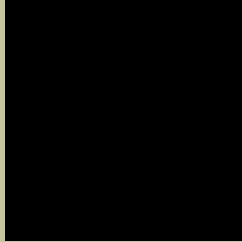
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

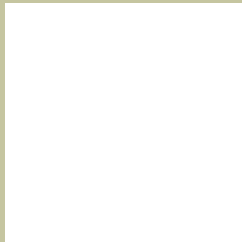
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.3409, 0.3407, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 54.3409, 0.3407, 0.3752.



This preview shows how white text looks on a background with the Yxy color 54.3409, 0.3407, 0.3752.

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

54.3409, 0.3407, 0.3752

Protanopia

54.2086, 0.3498, 0.3718

Deuteranopia

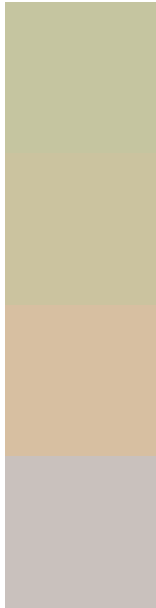
54.1568, 0.3660, 0.3581



Tritanopia

54.4143, 0.3111, 0.3112

Trichromacy



Original Color

54.3409, 0.3407, 0.3752

Protanomaly

54.2299, 0.3470, 0.3734

Deuteranomaly

54.2819, 0.3569, 0.3649

Tritanomaly

54.2316, 0.3223, 0.3339

Monochromacy



Original Color

54.3409, 0.3407, 0.3752

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3891, 0.3225, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3409, 0.3407, 0.3752 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(197, 197, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 160)  
}
```

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(197, 197, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 160) }
```

Border

The CSS property to change the border of an element to Yxy 54.3409, 0.3407, 0.3752 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(197, 197, 160) }
```

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

```
.border{ border-color:rgb(197, 197, 160) }
```

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

Here you see how a box with a 4 pixel rgb(197, 197, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 197, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 197, 160);  
box-shadow:4px 4px 4px 4px rgb(197, 197,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3409, 0.3407, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 160) }
```

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

```
.background{ background-color: rgb(197,  
197, 160) }
```

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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