

Converting Colors

Yxy(53.9752, 0.3326, 0.3622)

Have a look what the booklet for
Yxy(53.9752, 0.3326, 0.3622)
contains.

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Color

Yxy(54.0802, 0.3331, 0.3627)

Conversions

Conversions Part 1

Format	Color
Hex	C4C4A9
RGB	196, 196, 169
RGB Percent	77%, 77%, 66%
CMY	0.2314, 0.2314, 0.3372
CMYK	0.00, 0.00, 0.14, 0.23
HSL	60°, 19%, 72%
HSV	60°, 14%, 77%
XYZ	49.6667, 54.0802, 45.3576
YIQ	192.9220, 8.6670, -8.3970

Conversions

Conversions Part 2

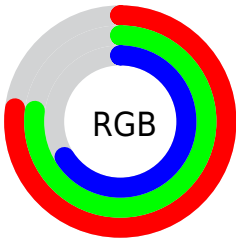
Format	Color
RYB	169, 196, 169
Decimal	12895401
CIELab	78.51, -4.64, 13.58
CIELCh	79, 14.346, 108.852
Yxy	54.0802, 0.3331, 0.3627
Android (android.graphics.Color)	4291085481 (0xFFC4C4A9)
YUV	192.9220, -11.7935, 2.6994
Hunter-Lab	73.5392, -8.1389, 14.9085

Details

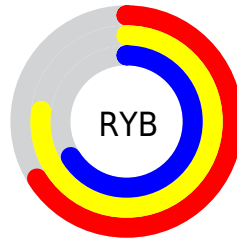
The Yxy color **54.0802, 0.3331, 0.3627** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7983, 0.2909, 0.2929**, and the grayscale version is **53.3484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5150, 0.3299, 0.3574**, and **26.3811, 0.3382, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **53.4005, 0.3482, 0.3877**, and if you desaturate by 10%, it is **54.8750, 0.3182, 0.3381**.

Distribution



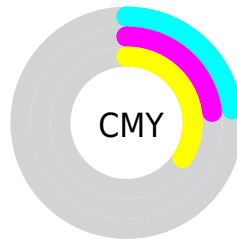
- Red (77%)
- Green (77%)
- Blue (66%)



- Red (66%)
- Yellow (77%)
- Blue (66%)



- Cyan (0%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)





- Cyan (23%)
- Magenta (23%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0802, 0.3331, 0.3627 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 54.0802, 0.3331, 0.3627 by changing the saturation by 10% instead.


 54.0802, 0.3331,
0.3627

 54.0802, 0.3331,
0.3627


402.4158, 0.3233,
0.3461

 38.6658, 0.3355,
0.3668


 96.1920, 0.3296,
0.3567

 26.4998, 0.3384,
0.3719

123.6582, 0.3283,
0.3545

 17.1979, 0.3423,
0.3787


155.9104, 0.3271,
0.3526

 10.3757, 0.3474,
0.3880

193.3330, 0.3261,
0.3509

 5.6488, 0.3547,
0.4015

236.3105, 0.3253,
0.3495

 2.6327, 0.3655,
0.4228

285.2271, 0.3245,

 0.9431, 0.4341,

0.3482

0.5235

340.4674, 0.3238,
0.3471

0.0000, 0.0000,
0.0000

54.0802, 0.3331,
0.3627

54.0802, 0.3331,
0.3627

53.4005, 0.3482,
0.3877

54.8750, 0.3182,
0.3381

52.8239, 0.3631,
0.4122

55.7824, 0.3039,
0.3144

52.3475, 0.3771,
0.4355

56.8091, 0.2904,
0.2920

51.9655, 0.3898,
0.4565

57.9591, 0.2778,
0.2712

51.6718, 0.4006,
0.4743

58.4389, 0.2732,
0.2636

■ 51.4592, 0.4090,
0.4882

■ 58.4391, 0.2732,
0.2636

■ 51.3196, 0.4148,
0.4978

■ 58.4394, 0.2732,
0.2636

■ 51.2433, 0.4181,
0.5033

■ 58.4396, 0.2732,
0.2636

■ 51.2161, 0.4193,
0.5053

■ 58.4398, 0.2732,
0.2636

Harmonies

Analogous

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



54.0802, 0.3464, 0.3571



54.0802, 0.3331, 0.3627



54.0802, 0.3146, 0.3588

Triad

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



54.0802, 0.3331, 0.3627



54.0802, 0.2763, 0.3119



54.0802, 0.3291, 0.3127

Complementary

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



54.0802, 0.3331, 0.3627



40.7983, 0.2909, 0.2929

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.



54.0802, 0.3099, 0.3014



54.0802, 0.3331, 0.3627



54.0802, 0.2799, 0.3005

Square

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



54.0802, 0.3331, 0.3627



54.0802, 0.2821, 0.3286



54.0802, 0.2920, 0.2969



54.0802, 0.3442, 0.3282

Rectangle

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



54.0802, 0.3331, 0.3627



54.0802, 0.3019, 0.3511



54.0802, 0.2920, 0.2969



54.0802, 0.3229, 0.3083

Sweetspot

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



54.0826, 0.3331, 0.3627



99.3602, 0.3186, 0.3388



42.9781, 0.3378, 0.3291



21.2422, 0.3198, 0.3406



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.



54.0826, 0.3331, 0.3627



97.5152, 0.3384, 0.3714



52.3530, 0.3219, 0.3639



11.7583, 0.3265, 0.3518



32.9070, 0.4193, 0.5053



1.4218, 0.4193, 0.5053

Inverse Universe

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



40.7983, 0.2909, 0.2929



68.0778, 0.2847, 0.2828



42.3693, 0.3024, 0.2941



9.7480, 0.2983, 0.3052



2.5610, 0.1500, 0.0600



0.1107, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 54.0802, 0.3331, 0.3627 looks on a white background.

Color Contrast Check

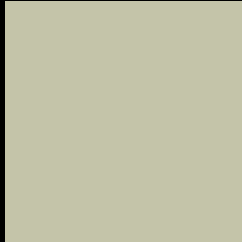
Large Text (above 18pt) WCAG AA × Fail

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 54.0802, 0.3331, 0.3627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

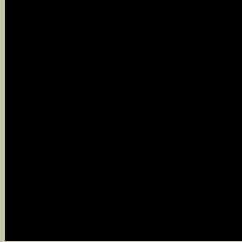
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

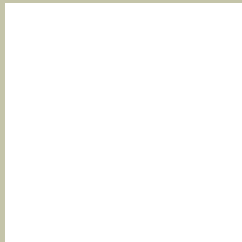
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0802, 0.3331, 0.3627

Background



This preview shows how black text looks on a background with the Yxy color 54.0802, 0.3331, 0.3627.



This preview shows how white text looks on a background with the Yxy color 54.0802, 0.3331, 0.3627.

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

54.0802, 0.3331, 0.3627

Protanopia

54.2481, 0.3410, 0.3609

Deuteranopia

53.8531, 0.3549, 0.3478



Tritanopia

54.1353, 0.3095, 0.3111

Trichromacy



Original Color

54.0802, 0.3331, 0.3627

Protanomaly

54.2749, 0.3383, 0.3623

Deuteranomaly

53.7262, 0.3471, 0.3531

Tritanomaly

54.1323, 0.3176, 0.3290

Monochromacy



Original Color

54.0802, 0.3331, 0.3627

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.5136, 0.3202, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0802, 0.3331, 0.3627 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(196, 196, 169)` looks like.

```
.text, #text, p{  
    color:rgb(196, 196, 169)  
}
```

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(196, 196, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 196, 169) }
```

Border

The CSS property to change the border of an element to Yxy 54.0802, 0.3331, 0.3627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

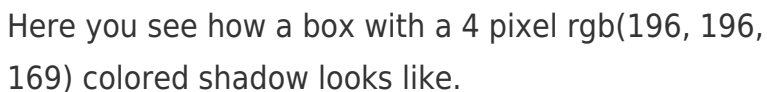
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 196, 169) }
```

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

```
.border{ border-color:rgb(196, 196, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 196, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 196, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 196, 169); box-shadow:4px 4px 4px 4px rgb(196, 196, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0802, 0.3331, 0.3627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 196, 169) }
```

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

```
.background{ background-color: rgb(196,  
196, 169) }
```

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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