

Converting Colors

$Yxy(54.3961, 0.3249, 0.3314)$

Have a look what the booklet for
Yxy(54.3961, 0.3249, 0.3314)
contains.

Yxy(54.3961, 0.3249, 0.3314)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3961, 0.3249, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	CDC0BE
RGB	205, 192, 190
RGB Percent	80%, 75%, 75%
CMY	0.1959, 0.2471, 0.2548
CMYK	0.00, 0.06, 0.07, 0.20
HSL	8°, 13%, 77%
HSV	8°, 7%, 80%
XYZ	53.3292, 54.3961, 56.4150
YIQ	195.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

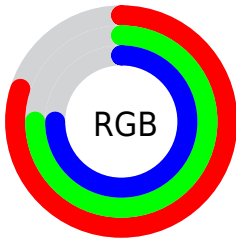
Format	Color
R _Y B	205, 192, 190
Decimal	13484222
CIE Lab	78.69, 4.24, 2.63
CIE LCh	79, 4.986, 31.791
Yxy	54.3961, 0.3249, 0.3314
Android (android.graphics.Color)	4291674302 (0xFFCDC0BE)
YUV	195.6590, -2.7899, 8.1921
Hunter-Lab	73.7537, -0.0008, 6.2760

Details

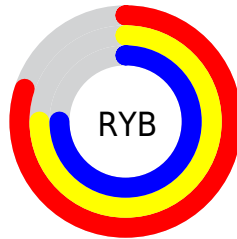
The Yxy color **54.3961, 0.3249, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.1006, 0.3015, 0.3266**, and the grayscale version is **55.0045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0486, 0.3184, 0.3309**, and **26.8507, 0.3280, 0.3323** is the 20% darker color. If you saturate the color by 10%, you get **46.2103, 0.3447, 0.3349**, and if you desaturate by 10%, it is **63.6593, 0.3087, 0.3282**.

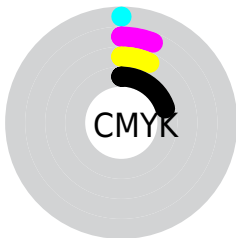
Distribution



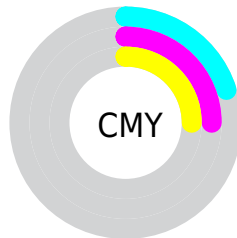
- Red (80%)
- Green (75%)
- Blue (75%)



- Red (80%)
- Yellow (75%)
- Blue (75%)



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3961, 0.3249, 0.3314 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 54.3961, 0.3249, 0.3314 by changing the saturation by 10% instead.

 54.3961, 0.3249,
0.3314

 54.3961, 0.3249,
0.3314

403.6187, 0.3190,
0.3303

 38.9184, 0.3263,
0.3317


 96.6556, 0.3228,
0.3310

 26.6963, 0.3282,
0.3320


124.2062, 0.3220,
0.3308

 17.3452, 0.3306,
0.3324


156.5499, 0.3213,
0.3307

 10.4810, 0.3339,
0.3330

194.0711, 0.3207,
0.3306

 5.7190, 0.3387,
0.3338

237.1542, 0.3202,
0.3305

 2.6750, 0.3462,
0.3350

286.1835, 0.3197,

 0.9645, 0.3605,

0.3304

341.5436, 0.3193,
0.3303

0.3373

0.0000, 0.0000,
0.0000

54.3961, 0.3249,
0.3314

54.3961, 0.3249,
0.3314

46.2103, 0.3447,
0.3349

63.6593, 0.3087,
0.3282

39.0558, 0.3690,
0.3386

74.0297, 0.2954,
0.3252

32.8939, 0.3984,
0.3423

85.5448, 0.2845,
0.3225

27.6806, 0.4333,
0.3456

91.7240, 0.2833,
0.3289

23.3685, 0.4735,
0.3483

■ 19.9063, 0.5171,
0.3495

■ 17.2372, 0.5604,
0.3485

■ 15.2977, 0.5977,
0.3451

■ 14.0127, 0.6237,
0.3398

Harmonies

Analogous

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



54.3961, 0.3209, 0.3256



54.3961, 0.3249, 0.3314



54.3961, 0.3256, 0.3367

Triad

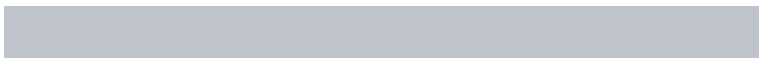
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.3961, 0.3249, 0.3314



54.3961, 0.3106, 0.3376



54.3961, 0.3027, 0.3181

Complementary

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



54.3961, 0.3249, 0.3314



58.1006, 0.3015, 0.3266

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.



54.3961, 0.3000, 0.3212



54.3961, 0.3249, 0.3314



54.3961, 0.3045, 0.3324

Square

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



54.3961, 0.3249, 0.3314



54.3961, 0.3173, 0.3403



54.3961, 0.3007, 0.3264



54.3961, 0.3081, 0.3180

Rectangle

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



54.3961, 0.3249, 0.3314



54.3961, 0.3240, 0.3392



54.3961, 0.3007, 0.3264



54.3961, 0.3015, 0.3189

Sweetspot

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



54.3985, 0.3249, 0.3314



96.8817, 0.3159, 0.3297



54.1451, 0.3149, 0.3133



20.7694, 0.3157, 0.3296



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.



54.3985, 0.3249, 0.3314



86.5423, 0.3282, 0.3320



57.6779, 0.3241, 0.3401



11.4472, 0.3287, 0.3321



8.6449, 0.6275, 0.3400



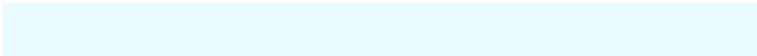
0.5259, 0.5973, 0.3639

Inverse Universe

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



58.1006, 0.3015, 0.3266



93.9963, 0.2988, 0.3260



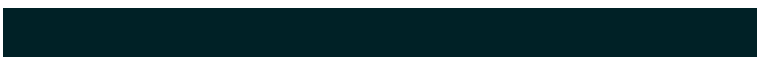
54.7380, 0.3015, 0.3177



12.4659, 0.2983, 0.3259



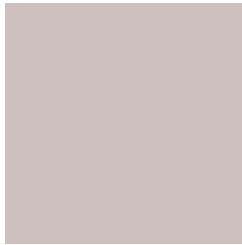
22.6855, 0.2131, 0.2873



1.2419, 0.2156, 0.2962

Previews

White Background



This preview shows how the Yxy color 54.3961, 0.3249, 0.3314 looks on a white background.

Color Contrast Check

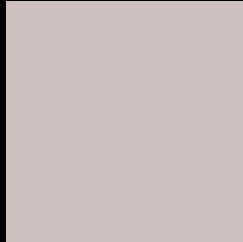
Large Text (above 18pt) WCAG AA × Fail

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 54.3961, 0.3249, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

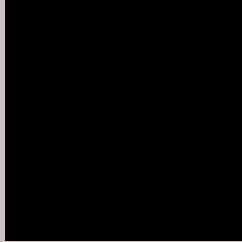
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3961, 0.3249, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 54.3961, 0.3249, 0.3314.



This preview shows how white text looks on a background with the Yxy color 54.3961, 0.3249, 0.3314.

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

54.3961, 0.3249, 0.3314

Protanopia

54.4873, 0.3190, 0.3327

Deuteranopia

54.1751, 0.3330, 0.3255



Tritanopia

54.5001, 0.3152, 0.3114

Trichromacy



Original Color

54.3961, 0.3249, 0.3314

Protanomaly

54.3190, 0.3207, 0.3314

Deuteranomaly

54.0057, 0.3295, 0.3267

Tritanomaly

54.5535, 0.3181, 0.3183

Monochromacy



Original Color

54.3961, 0.3249, 0.3314

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0674, 0.3167, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3961, 0.3249, 0.3314 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(205, 192, 190)` looks like.

```
.text, #text, p{  
    color:rgb(205, 192, 190)  
}
```

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(205, 192, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 192, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.3961, 0.3249, 0.3314 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(205, 192, 190) }
```

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

```
.border{ border-color:rgb(205, 192, 190) }
```

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

Here you see how a box with a 4 pixel rgb(205, 192, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 192, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 192, 190);  
box-shadow:4px 4px 4px 4px rgb(205, 192,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3961, 0.3249, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 192, 190) }
```

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

```
.background{ background-color: rgb(205,  
192, 190) }
```

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