

Converting Colors

Yxy(54.6450, 0.3427, 0.3665)

Have a look what the booklet for
Yxy(54.6450, 0.3427, 0.3665)
contains.

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Color

Yxy(54.4433, 0.3423, 0.3659)

Conversions

Conversions Part 1

Format	Color
Hex	CBC3A5
RGB	203, 195, 165
RGB Percent	80%, 76%, 65%
CMY	0.2040, 0.2353, 0.3530
CMYK	0.00, 0.04, 0.19, 0.20
HSL	47°, 27%, 72%
HSV	47°, 19%, 80%
XYZ	50.9318, 54.4433, 43.4178
YIQ	193.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

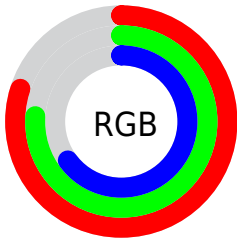
Format	Color
RYB	175, 203, 165
Decimal	13353893
CIELab	78.72, -2.15, 16.10
CIELCh	79, 16.245, 97.622
Yxy	54.4433, 0.3423, 0.3659
Android (android.graphics.Color)	4291543973 (0xFFCBC3A5)
YUV	193.9720, -14.2832, 7.9176
Hunter-Lab	73.7857, -5.9124, 16.7620

Details

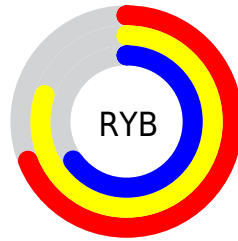
The Yxy color **54.4433, 0.3423, 0.3659** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.1855, 0.2826, 0.2892**, and the grayscale version is **54.0110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4217, 0.3339, 0.3594**, and **26.6316, 0.3508, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **51.8815, 0.3595, 0.3863**, and if you desaturate by 10%, it is **57.1817, 0.3260, 0.3458**.

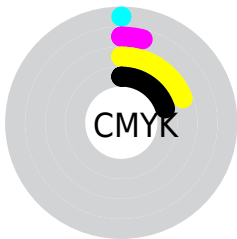
Distribution



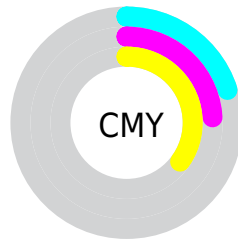
- Red (80%)
- Green (76%)
- Blue (65%)



- Red (69%)
- Yellow (80%)
- Blue (65%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (20%)





- Cyan (20%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4433, 0.3423, 0.3659 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 54.4433, 0.3423, 0.3659 by changing the saturation by 10% instead.

 54.4433, 0.3423,
0.3659


 54.4433, 0.3423,
0.3659


403.7982, 0.3280,
0.3479

 38.9562, 0.3457,
0.3703


 96.7248, 0.3372,
0.3594

 26.7256, 0.3501,
0.3758


 124.2880, 0.3352,
0.3570

 17.3673, 0.3557,
0.3830


156.6454, 0.3336,
0.3549

 10.4967, 0.3632,
0.3928

194.1813, 0.3322,
0.3531

 5.7295, 0.3738,
0.4068

237.2801, 0.3309,
0.3515

 2.6813, 0.3897,
0.4282

286.3263, 0.3298,

 0.9677, 0.4720,

0.3502

0.5280

341.7042, 0.3288,
0.3490

0.0000, 0.0000,
0.0000

54.4433, 0.3423,
0.3659

54.4433, 0.3423,
0.3659

51.8815, 0.3595,
0.3863

57.1817, 0.3260,
0.3458

49.4832, 0.3774,
0.4064

60.0952, 0.3108,
0.3266

47.2443, 0.3953,
0.4253

63.1913, 0.2969,
0.3084

45.1579, 0.4125,
0.4422

66.4752, 0.2843,
0.2915

43.2163, 0.4284,
0.4558

69.1894, 0.2794,
0.2872

■ 41.4107, 0.4421,
0.4654

■ 71.4058, 0.2797,
0.2919

■ 39.7310, 0.4531,
0.4704

■ 73.6792, 0.2800,
0.2966

■ 38.1612, 0.4613,
0.4711

■ 76.0101, 0.2803,
0.3013

■ 37.9649, 0.4623,
0.4711

■ 78.3989, 0.2806,
0.3059

Harmonies

Analogous

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



54.4433, 0.3539, 0.3559



54.4433, 0.3423, 0.3659



54.4433, 0.3229, 0.3658

Triad

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



54.4433, 0.3423, 0.3659



54.4433, 0.2730, 0.3162



54.4433, 0.3233, 0.3052

Complementary

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



54.4433, 0.3423, 0.3659



42.1855, 0.2826, 0.2892

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.



54.4433, 0.3014, 0.2951



54.4433, 0.3423, 0.3659



54.4433, 0.2730, 0.3007

Square

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



54.4433, 0.3423, 0.3659



54.4433, 0.2832, 0.3361



54.4433, 0.2832, 0.2933



54.4433, 0.3428, 0.3212

Rectangle

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



54.4433, 0.3423, 0.3659



54.4433, 0.3084, 0.3595



54.4433, 0.2832, 0.2933



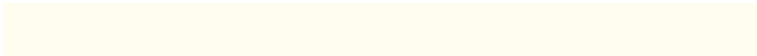
54.4433, 0.3160, 0.3010

Sweetspot

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



54.4457, 0.3423, 0.3659



97.0211, 0.3219, 0.3407



42.6285, 0.3413, 0.3187



20.6985, 0.3229, 0.3420



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.



54.4457, 0.3423, 0.3659



89.6131, 0.3484, 0.3732



56.6573, 0.3318, 0.3765



12.6812, 0.3271, 0.3472



24.2996, 0.4616, 0.4717



1.3565, 0.4518, 0.4794

Inverse Universe

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



42.1855, 0.2826, 0.2892



65.7771, 0.2763, 0.2806



40.4211, 0.2911, 0.2796



11.2193, 0.2982, 0.3101



3.9342, 0.1563, 0.0825



0.3159, 0.1665, 0.1192

Previews

White Background



This preview shows how the Yxy color 54.4433, 0.3423, 0.3659 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 54.4433, 0.3423, 0.3659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

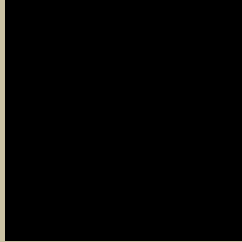
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

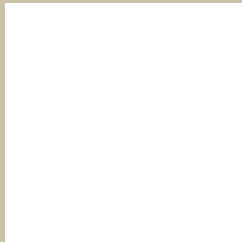
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.4433, 0.3423, 0.3659

Background



This preview shows how black text looks on a background with the Yxy color 54.4433, 0.3423, 0.3659.



This preview shows how white text looks on a background with the Yxy color 54.4433, 0.3423, 0.3659.

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

54.4433, 0.3423, 0.3659

Protanopia

54.2793, 0.3442, 0.3645

Deuteranopia

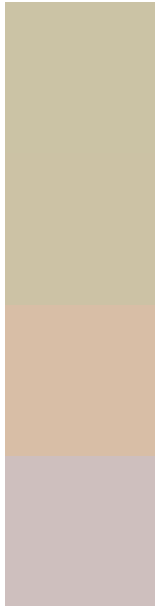
54.1411, 0.3617, 0.3535



Tritanopia

54.1647, 0.3168, 0.3114

Trichromacy



Original Color

54.4433, 0.3423, 0.3659

Protanomaly

54.1376, 0.3434, 0.3646

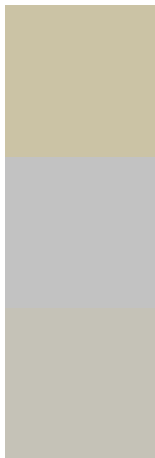
Deuteranomaly

54.1790, 0.3539, 0.3576

Tritanomaly

54.1011, 0.3258, 0.3302

Monochromacy



Original Color

54.4433, 0.3423, 0.3659

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8728, 0.3235, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4433, 0.3423, 0.3659 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(203, 195, 165)` looks like.

```
.text, #text, p{  
    color:rgb(203, 195, 165)  
}
```

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(203, 195, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 195, 165) }
```

Border

The CSS property to change the border of an element to Yxy 54.4433, 0.3423, 0.3659 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(203, 195, 165) }
```

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

```
.border{ border-color:rgb(203, 195, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 195, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 195, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 195, 165);  
box-shadow:4px 4px 4px 4px rgb(203, 195,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4433, 0.3423, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 195, 165) }
```

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

```
.background{ background-color: rgb(203,  
195, 165) }
```

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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