

Converting Colors

$Yxy(55.0591, 0.3364, 0.3577)$

Have a look what the booklet for
Yxy(55.0591, 0.3364, 0.3577)
contains.

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Color

Yxy(55.1549, 0.3366, 0.3583)

Conversions

Conversions Part 1

Format	Color
Hex	CBC4AC
RGB	203, 196, 172
RGB Percent	80%, 77%, 67%
CMY	0.2040, 0.2313, 0.3253
CMYK	0.00, 0.03, 0.15, 0.20
HSL	46°, 23%, 74%
HSV	46°, 15%, 80%
XYZ	51.8145, 55.1549, 46.9656
YIQ	195.3570, 11.8760, -5.9800

Conversions

Conversions Part 2

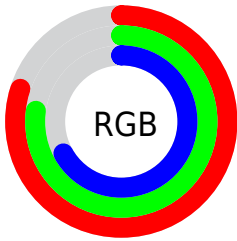
Format	Color
RYB	181, 203, 172
Decimal	13354156
CIELab	79.13, -1.59, 12.90
CIELCh	79, 13.002, 97.037
Yxy	55.1549, 0.3366, 0.3583
Android (android.graphics.Color)	4291544236 (0xFFCBC4AC)
YUV	195.3570, -11.5150, 6.7029
Hunter-Lab	74.2663, -5.4293, 14.4918

Details

The Yxy color **55.1549, 0.3366, 0.3583** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.3343, 0.2886, 0.2979**, and the grayscale version is **54.8635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0566, 0.3294, 0.3543**, and **27.0916, 0.3431, 0.3651** is the 20% darker color. If you saturate the color by 10%, you get **52.4024, 0.3537, 0.3783**, and if you desaturate by 10%, it is **58.0944, 0.3206, 0.3389**.

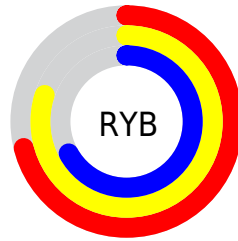
Distribution



Red (80%)

Green (77%)

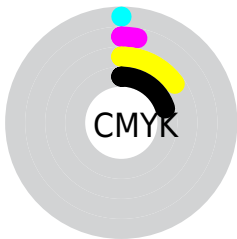
Blue (67%)



Red (71%)

Yellow (80%)

Blue (67%)

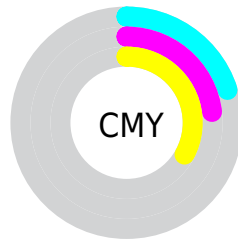


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (20%)



Cyan (20%)


Magenta (23%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1549, 0.3366, 0.3583 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 55.1549, 0.3366, 0.3583 by changing the saturation by 10% instead.


 55.1549, 0.3366,
0.3583

 55.1549, 0.3366,
0.3583


406.4988, 0.3250,
0.3440

 39.5258, 0.3394,
0.3618

 97.7679, 0.3325,
0.3532

 27.1690, 0.3429,
0.3661

125.5205, 0.3309,
0.3513

 17.7002, 0.3474,
0.3718


158.0830, 0.3296,
0.3496

 10.7349, 0.3536,
0.3796

195.8399, 0.3284,
0.3482

 5.8889, 0.3623,
0.3907

239.1756, 0.3274,
0.3469

 2.7776, 0.3756,
0.4079

288.4743, 0.3265,

 1.0168, 0.4321,

0.3458

0.4752

344.1206, 0.3257,
0.3449

0.0000, 0.0000,
0.0000

55.1549, 0.3366,
0.3583

55.1549, 0.3366,
0.3583

52.4024, 0.3537,
0.3783

58.0944, 0.3206,
0.3389

49.8236, 0.3716,
0.3982

61.2193, 0.3059,
0.3203

47.4146, 0.3898,
0.4174

64.5371, 0.2924,
0.3029

45.1686, 0.4078,
0.4348

68.0530, 0.2803,
0.2867

43.0780, 0.4248,
0.4494

70.5198, 0.2796,
0.2900

■ 41.1344, 0.4399,
0.4603

■ 72.9392, 0.2799,
0.2951

■ 39.3280, 0.4525,
0.4667

■ 75.4248, 0.2803,
0.3001

■ 37.6473, 0.4621,
0.4684

■ 77.9770, 0.2806,
0.3051

■ 36.8815, 0.4661,
0.4681

■ 80.5964, 0.2809,
0.3101

Harmonies

Analogous

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



55.1549, 0.3456, 0.3504



55.1549, 0.3366, 0.3583



55.1549, 0.3213, 0.3582

Triad

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



55.1549, 0.3366, 0.3583



55.1549, 0.2810, 0.3192



55.1549, 0.3209, 0.3097

Complementary

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



55.1549, 0.3366, 0.3583



45.3343, 0.2886, 0.2979

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.



55.1549, 0.3035, 0.3017



55.1549, 0.3366, 0.3583



55.1549, 0.2808, 0.3067

Square

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



55.1549, 0.3366, 0.3583



55.1549, 0.2893, 0.3351



55.1549, 0.2889, 0.3005



55.1549, 0.3364, 0.3225

Rectangle

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



55.1549, 0.3366, 0.3583



55.1549, 0.3097, 0.3533



55.1549, 0.2889, 0.3005



55.1549, 0.3150, 0.3063

Sweetspot

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



55.1573, 0.3366, 0.3583



97.3854, 0.3203, 0.3385



45.4808, 0.3346, 0.3201



20.7672, 0.3214, 0.3399



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.



55.1573, 0.3366, 0.3583



90.9623, 0.3416, 0.3643



57.2505, 0.3287, 0.3672



12.6509, 0.3271, 0.3468



23.6173, 0.4653, 0.4688



1.3266, 0.4546, 0.4773

Inverse Universe

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



45.3343, 0.2886, 0.2979



71.6875, 0.2835, 0.2911



43.5709, 0.2951, 0.2894



11.2475, 0.2983, 0.3105



4.0904, 0.1570, 0.0853



0.3288, 0.1675, 0.1231

Previews

White Background



This preview shows how the Yxy color 55.1549, 0.3366, 0.3583 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 55.1549, 0.3366, 0.3583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

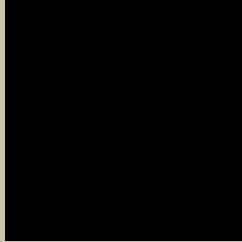
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

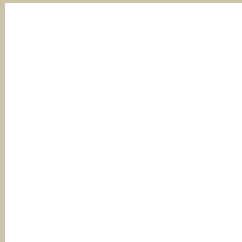
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1549, 0.3366, 0.3583

Background



This preview shows how black text looks on a background with the Yxy color 55.1549, 0.3366, 0.3583.



This preview shows how white text looks on a background with the Yxy color 55.1549, 0.3366, 0.3583.

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

55.1549, 0.3366, 0.3583

Protanopia

54.9879, 0.3385, 0.3570

Deuteranopia

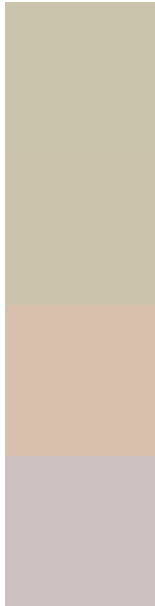
55.1003, 0.3544, 0.3477



Tritanopia

55.1277, 0.3152, 0.3114

Trichromacy



Original Color

55.1549, 0.3366, 0.3583

Protanomaly

54.8461, 0.3377, 0.3571

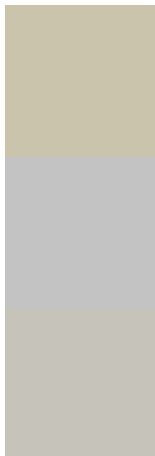
Deuteranomaly

55.3153, 0.3477, 0.3515

Tritanomaly

55.1568, 0.3225, 0.3278

Monochromacy



Original Color

55.1549, 0.3366, 0.3583

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.6238, 0.3211, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1549, 0.3366, 0.3583 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, 196, 172)` looks like.

```
.text, #text, p{  
    color:rgb(203, 196, 172)  
}
```

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, 196, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 196, 172) }
```

Border

The CSS property to change the border of an element to Yxy 55.1549, 0.3366, 0.3583 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, 196, 172) }
```

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

```
.border{ border-color:rgb(203, 196, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 196, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 196, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 196, 172);  
box-shadow:4px 4px 4px 4px rgb(203, 196,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1549, 0.3366, 0.3583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 196, 172) }
```

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

```
.background{ background-color: rgb(203,  
196, 172) }
```

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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