

Converting Colors

Yxy(55.4820, 0.3418, 0.3571)

Have a look what the booklet for
Yxy(55.4820, 0.3418, 0.3571)
contains.

Yxy(55.5641, 0.3419, 0.3567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.5641, 0.3419, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	D1C3AC
RGB	209, 195, 172
RGB Percent	82%, 76%, 67%
CMY	0.1803, 0.2353, 0.3255
CMYK	0.00, 0.07, 0.18, 0.18
HSL	37°, 29%, 75%
HSV	37°, 18%, 82%
XYZ	53.2587, 55.5641, 46.9499
YIQ	196.5640, 15.7270, -4.1850

Conversions

Conversions Part 2

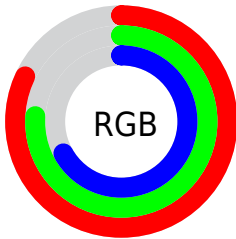
Format	Color
RYB	195, 209, 172
Decimal	13747116
CIELab	79.37, 1.16, 13.33
CIELCh	79, 13.376, 85.044
Yxy	55.5641, 0.3419, 0.3567
Android (android.graphics.Color)	4291937196 (0xFFD1C3AC)
YUV	196.5640, -12.1101, 10.9064
Hunter-Lab	74.5413, -2.9118, 14.8351

Details

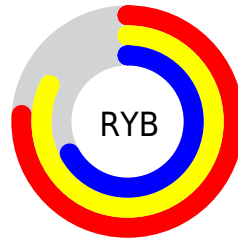
The Yxy color **55.5641, 0.3419, 0.3567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5001, 0.2848, 0.2997**, and the grayscale version is **55.6278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4269, 0.3295, 0.3534**, and **27.2758, 0.3491, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **51.3728, 0.3609, 0.3731**, and if you desaturate by 10%, it is **60.0746, 0.3247, 0.3408**.

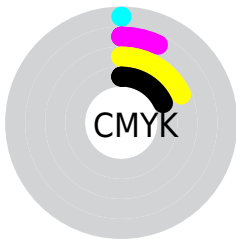
Distribution



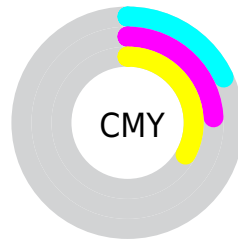
- Red (82%)
- Green (76%)
- Blue (67%)



- Red (76%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5641, 0.3419, 0.3567 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 55.5641, 0.3419, 0.3567 by changing the saturation by 10% instead.

■ 55.5641, 0.3419,
0.3567

■ 55.5641, 0.3419,
0.3567

408.0467, 0.3277,
0.3433

■ 39.8535, 0.3453,
0.3599

■ 98.3670, 0.3368,
0.3519

■ 27.4244, 0.3496,
0.3639

126.2280, 0.3349,
0.3501

■ 17.8922, 0.3552,
0.3692

158.9081, 0.3333,
0.3486

■ 10.8726, 0.3628,
0.3762

196.7915, 0.3319,
0.3472

■ 5.9812, 0.3736,
0.3862

240.2627, 0.3306,
0.3461

■ 2.8337, 0.3902,
0.4013

289.7060, 0.3295,

■ 1.0455, 0.4521,

0.3450

0.4609

345.5059, 0.3286,
0.3441

0.0000, 0.0000,
0.0000

55.5641, 0.3419,
0.3567

55.5641, 0.3419,
0.3567

51.3728, 0.3609,
0.3731

60.0746, 0.3247,
0.3408

47.4845, 0.3815,
0.3896

64.9052, 0.3093,
0.3256

43.8924, 0.4034,
0.4053

70.0663, 0.2957,
0.3114

40.5866, 0.4260,
0.4193

75.5261, 0.2839,
0.2989

37.5561, 0.4484,
0.4304

79.9462, 0.2843,
0.3075

■ 34.7892, 0.4694,
0.4376

■ 84.5677, 0.2848,
0.3159

■ 32.2723, 0.4879,
0.4398

■ 89.3932, 0.2852,
0.3242

■ 29.9876, 0.5032,
0.4370

■ 92.2970, 0.2855,
0.3289

■ 29.4903, 0.5066,
0.4360

Harmonies

Analogous

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



55.5641, 0.3476, 0.3460



55.5641, 0.3419, 0.3567



55.5641, 0.3283, 0.3601

Triad

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



55.5641, 0.3419, 0.3567



55.5641, 0.2826, 0.3253



55.5641, 0.3139, 0.3052

Complementary

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



55.5641, 0.3419, 0.3567



48.5001, 0.2848, 0.2997

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.



55.5641, 0.2967, 0.2996



55.5641, 0.3419, 0.3567



55.5641, 0.2790, 0.3106

Square

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



55.5641, 0.3419, 0.3567



55.5641, 0.2942, 0.3416



55.5641, 0.2840, 0.3014



55.5641, 0.3312, 0.3167

Rectangle

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



55.5641, 0.3419, 0.3567



55.5641, 0.3168, 0.3574



55.5641, 0.2840, 0.3014



55.5641, 0.3079, 0.3025

Sweetspot

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



55.5666, 0.3419, 0.3567



96.1645, 0.3205, 0.3367



46.6177, 0.3341, 0.3119



20.4700, 0.3216, 0.3377



0.0000, 0.0000, 0.0000



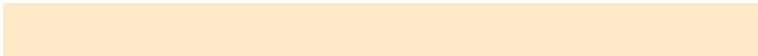
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.5666, 0.3419, 0.3567



84.7581, 0.3484, 0.3625



61.5211, 0.3357, 0.3732



13.0142, 0.3275, 0.3434



18.3759, 0.5050, 0.4373



1.1778, 0.4852, 0.4529

Inverse Universe

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



48.5001, 0.2848, 0.2997



71.7961, 0.2788, 0.2931



43.3792, 0.2873, 0.2817



12.1407, 0.2982, 0.3142



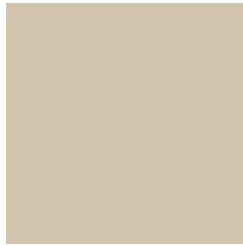
6.4735, 0.1670, 0.1213



0.5131, 0.1774, 0.1586

Previews

White Background



This preview shows how the Yxy color 55.5641, 0.3419, 0.3567 looks on a white background.

Color Contrast Check

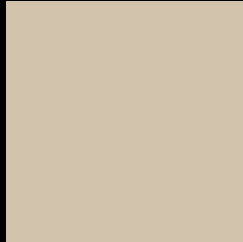
Large Text (above 18pt) WCAG AA × Fail

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 55.5641, 0.3419, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

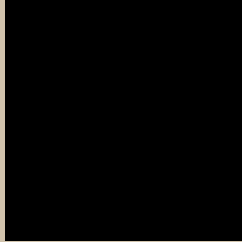
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

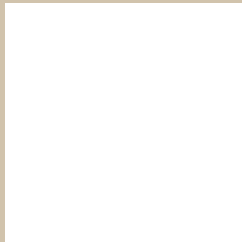
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5641, 0.3419, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 55.5641, 0.3419, 0.3567.

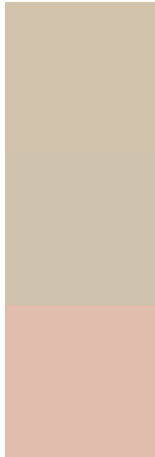


This preview shows how white text looks on a background with the Yxy color 55.5641, 0.3419, 0.3567.

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

55.5641, 0.3419, 0.3567

Protanopia

55.6188, 0.3384, 0.3569

Deuteranopia

55.2596, 0.3553, 0.3476



Tritanopia

55.3808, 0.3200, 0.3116

Trichromacy



Original Color

55.5641, 0.3419, 0.3567

Protanomaly

55.7624, 0.3392, 0.3568

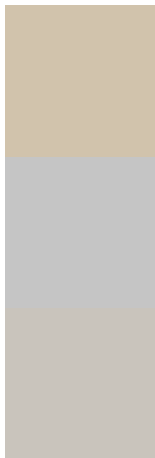
Deuteranomaly

55.3388, 0.3505, 0.3502

Tritanomaly

55.5466, 0.3283, 0.3279

Monochromacy



Original Color

55.5641, 0.3419, 0.3567

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5282, 0.3227, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5641, 0.3419, 0.3567 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(209, 195, 172)` looks like.

```
.text, #text, p{  
    color:rgb(209, 195, 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(209, 195, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 195, 172) }
```

Border

The CSS property to change the border of an element to Yxy 55.5641, 0.3419, 0.3567 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(209, 195, 172) }
```

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

```
.border{ border-color:rgb(209, 195, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 195, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 195, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 195, 172);  
box-shadow:4px 4px 4px 4px rgb(209, 195,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5641, 0.3419, 0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 195, 172) }
```

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

```
.background{ background-color: rgb(209,  
195, 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](#).

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