

Converting Colors

$Y_{xy}(55.8081, 0.3275, 0.3342)$

Have a look what the booklet for
Yxy(55.8081, 0.3275, 0.3342)
contains.

Yxy(55.7112, 0.3271, 0.3338)	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(55.7112, 0.3271, 0.3338)

Conversions

Conversions Part 1

Format	Color
Hex	D0C2BE
RGB	208, 194, 190
RGB Percent	82%, 76%, 75%
CMY	0.1844, 0.2392, 0.2549
CMYK	0.00, 0.07, 0.09, 0.18
HSL	13°, 16%, 78%
HSV	13°, 9%, 82%
XYZ	54.5930, 55.7112, 56.5958
YIQ	197.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

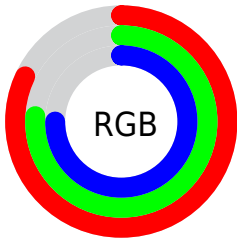
Format	Color
R_{YB}	208, 195, 190
Decimal	13681342
CIE _{Lab}	79.45, 4.21, 3.76
CIE _{LCh}	79, 5.643, 41.792
Yxy	55.7112, 0.3271, 0.3338
Android (android.graphics.Color)	4291871422 (0xFFD0C2BE)
YUV	197.7300, -3.8109, 9.0068
Hunter-Lab	74.6399, -0.0618, 7.2913

Details

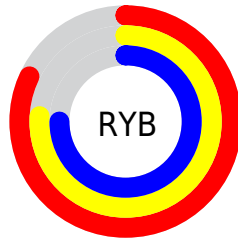
The Yxy color **55.7112, 0.3271, 0.3338** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6709, 0.2995, 0.3242**, and the grayscale version is **56.3183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2850, 0.3183, 0.3329**, and **27.4323, 0.3312, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **48.0608, 0.3469, 0.3397**, and if you desaturate by 10%, it is **64.2785, 0.3106, 0.3283**.

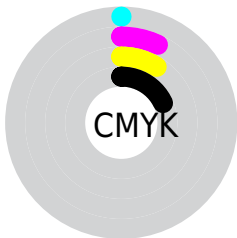
Distribution



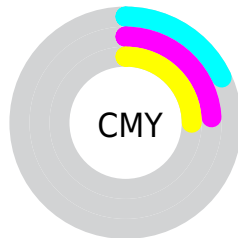
- Red (82%)
- Green (76%)
- Blue (75%)



- Red (82%)
- Yellow (76%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (18%)




- Cyan (18%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.7112, 0.3271, 0.3338 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 55.7112, 0.3271, 0.3338 by changing the saturation by 10% instead.


 55.7112, 0.3271,
0.3338

 55.7112, 0.3271,
0.3338


408.6022, 0.3201,
0.3315

 39.9714, 0.3288,
0.3343

 98.5822, 0.3246,
0.3330

 27.5163, 0.3309,
0.3350


126.4822, 0.3236,
0.3327

 17.9613, 0.3337,
0.3359


159.2044, 0.3228,
0.3324

 10.9222, 0.3376,
0.3371

197.1332, 0.3221,
0.3322

 6.0146, 0.3431,
0.3387

240.6530, 0.3215,
0.3320

 2.8539, 0.3518,
0.3412

290.1482, 0.3210,

 1.0560, 0.3677,

0.3318

0.3456

346.0031, 0.3205,
0.3317

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.7112, 0.3271,
0.3338

55.7112, 0.3271,
0.3338

48.0608, 0.3469,
0.3397

64.2785, 0.3106,
0.3283

41.2897, 0.3707,
0.3459

73.7844, 0.2970,
0.3232

35.3682, 0.3990,
0.3521

84.2589, 0.2856,
0.3185

30.2623, 0.4321,
0.3578

92.1457, 0.2849,
0.3289

■ 25.9356, 0.4695,
0.3623

■ 22.3489, 0.5097,
0.3646

■ 19.4595, 0.5496,
0.3638

■ 17.2199, 0.5848,
0.3591

■ 15.5728, 0.6113,
0.3513

Harmonies

Analogous

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



55.7112, 0.3238, 0.3273



55.7112, 0.3271, 0.3338



55.7112, 0.3265, 0.3391

Triad

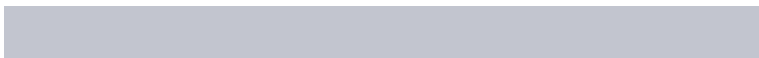
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.7112, 0.3271, 0.3338



55.7112, 0.3079, 0.3369



55.7112, 0.3033, 0.3164

Complementary

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



55.7112, 0.3271, 0.3338



58.6709, 0.2995, 0.3242

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.



55.7112, 0.2991, 0.3188



55.7112, 0.3271, 0.3338



55.7112, 0.3018, 0.3306

Square

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



55.7112, 0.3271, 0.3338



55.7112, 0.3154, 0.3411



55.7112, 0.2986, 0.3240



55.7112, 0.3100, 0.3173

Rectangle

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



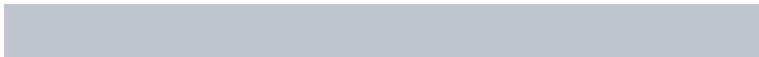
55.7112, 0.3271, 0.3338



55.7112, 0.3240, 0.3413



55.7112, 0.2986, 0.3240



55.7112, 0.3015, 0.3168

Sweetspot

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



55.7136, 0.3271, 0.3338



95.7828, 0.3175, 0.3307



54.6002, 0.3167, 0.3125



20.2651, 0.3188, 0.3311



0.0000, 0.0000, 0.0000



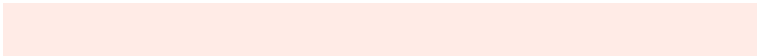
21.4041, 0.3127, 0.3290

Same Dimension

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



55.7136, 0.3271, 0.3338



86.4679, 0.3298, 0.3347



59.7800, 0.3260, 0.3442



12.2296, 0.3285, 0.3343



9.7137, 0.6122, 0.3521



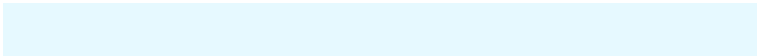
0.6648, 0.5759, 0.3809

Inverse Universe

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



58.6709, 0.2995, 0.3242



91.9065, 0.2972, 0.3233



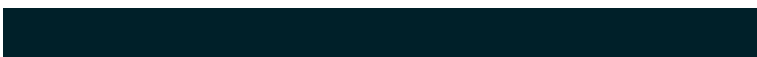
54.5754, 0.2995, 0.3133



12.9413, 0.2983, 0.3237



19.0112, 0.2045, 0.2560



1.1758, 0.2086, 0.2709

Previews

White Background



This preview shows how the Yxy color 55.7112, 0.3271, 0.3338 looks on a white background.

Color Contrast Check

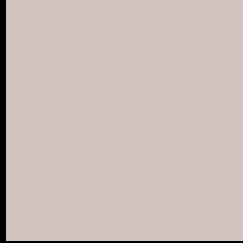
Large Text (above 18pt) WCAG AA × Fail

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 55.7112, 0.3271, 0.3338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

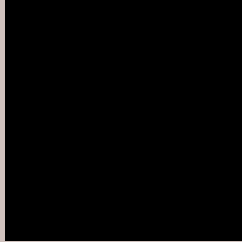
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

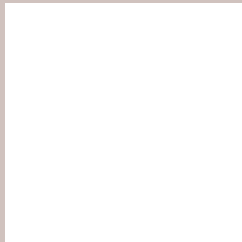
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.7112, 0.3271, 0.3338

Background



This preview shows how black text looks on a background with the Yxy color 55.7112, 0.3271, 0.3338.



This preview shows how white text looks on a background with the Yxy color 55.7112, 0.3271, 0.3338.

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

55.7112, 0.3271, 0.3338

Protanopia

55.7980, 0.3213, 0.3350

Deuteranopia

55.4939, 0.3352, 0.3279



Tritanopia

55.4682, 0.3160, 0.3104

Trichromacy



Original Color

55.7112, 0.3271, 0.3338

Protanomaly

55.6292, 0.3230, 0.3338

Deuteranomaly

55.3193, 0.3317, 0.3291

Tritanomaly

55.4716, 0.3197, 0.3185

Monochromacy



Original Color

55.7112, 0.3271, 0.3338

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.4292, 0.3182, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7112, 0.3271, 0.3338 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(208, 194, 190)` looks like.

```
.text, #text, p{  
    color:rgb(208, 194, 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(208, 194, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 194, 190) }
```

Border

The CSS property to change the border of an element to Yxy 55.7112, 0.3271, 0.3338 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(208, 194, 190) }
```

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

```
.border{ border-color:rgb(208, 194, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 194, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(208, 194,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7112, 0.3271, 0.3338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 194, 190) }
```

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

```
.background{ background-color: rgb(208,  
194, 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