

Converting Colors

Yxy(57.8672, 0.3148, 0.3259)

Have a look what the booklet for
Yxy(57.8672, 0.3148, 0.3259)
contains.

Yxy(57.9485, 0.3144, 0.3255)	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(57.9485, 0.3144, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	CCC7CA
RGB	204, 199, 202
RGB Percent	80%, 78%, 79%
CMY	0.2002, 0.2195, 0.2079
CMYK	0.00, 0.02, 0.01, 0.20
HSL	324°, 5%, 79%
HSV	324°, 2%, 80%
XYZ	55.9724, 57.9485, 64.1083
YIQ	200.8370, 2.0170, 1.9930

Conversions

Conversions Part 2

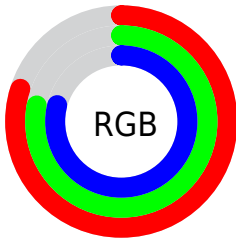
Format	Color
RYB	204, 199, 202
Decimal	13420490
CIELab	80.71, 2.24, -0.89
CIELCh	81, 2.412, 338.429
Yxy	57.9485, 0.3144, 0.3255
Android (android.graphics.Color)	4291610570 (0xFFCCC7CA)
YUV	200.8370, 0.5734, 2.7740
Hunter-Lab	76.1239, -1.9694, 3.3552

Details

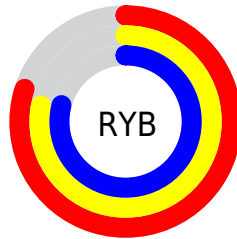
The Yxy color **57.9485, 0.3144, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5171, 0.3111, 0.3325**, and the grayscale version is **58.2942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.8729, 0.3150, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **48.8131, 0.3222, 0.3105**, and if you desaturate by 10%, it is **68.3665, 0.3079, 0.3397**.

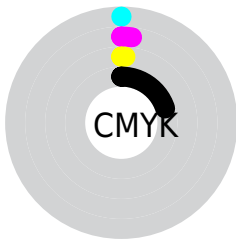
Distribution



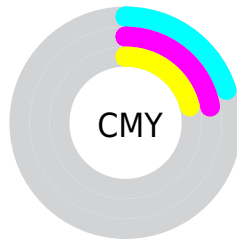
- Red (80%)
- Green (78%)
- Blue (79%)



- Red (80%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9485, 0.3144, 0.3255 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 57.9485, 0.3144, 0.3255 by changing the saturation by 10% instead.

■ 57.9485, 0.3144,
0.3255

■ 57.9485, 0.3144,
0.3255

416.9940, 0.3136,
0.3272

■ 41.7672, 0.3146,
0.3251

101.8479, 0.3141,
0.3261

■ 28.9191, 0.3148,
0.3246

130.3348, 0.3140,
0.3263

■ 19.0196, 0.3151,
0.3239

163.6923, 0.3139,
0.3265

■ 11.6845, 0.3156,
0.3230

202.3050, 0.3138,
0.3267

■ 6.5292, 0.3162,
0.3218

246.5570, 0.3138,
0.3268

■ 3.1695, 0.3171,
0.3198

296.8330, 0.3137,

■ 1.2208, 0.3187,

0.3270

353.5172, 0.3136,
0.3271

0.3164

0.0786, 0.3640,
0.2210

0.0000, 0.0000,
0.0000

57.9485, 0.3144,
0.3255

57.9485, 0.3144,
0.3255

48.8131, 0.3222,
0.3105

68.3665, 0.3079,
0.3397

40.9029, 0.3315,
0.2948

80.1069, 0.3024,
0.3529

34.1672, 0.3425,
0.2788

89.8498, 0.2979,
0.3598

28.5487, 0.3552,
0.2632

90.3035, 0.2935,
0.3509

■ 23.9854, 0.3698,
0.2488

■ 90.7784, 0.2893,
0.3423

■ 20.4093, 0.3860,
0.2365

■ 91.2746, 0.2850,
0.3337

■ 17.7442, 0.4035,
0.2275

■ 91.5685, 0.2827,
0.3289

■ 15.9027, 0.4216,
0.2230

■ 14.7801, 0.4397,
0.2237

Harmonies

Analogous

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



57.9485, 0.3112, 0.3239



57.9485, 0.3144, 0.3255



57.9485, 0.3171, 0.3280

Triad

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



57.9485, 0.3144, 0.3255



57.9485, 0.3170, 0.3344



57.9485, 0.3068, 0.3272

Complementary

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



57.9485, 0.3144, 0.3255



59.5171, 0.3111, 0.3325

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.



57.9485, 0.3083, 0.3300



57.9485, 0.3144, 0.3255



57.9485, 0.3142, 0.3342

Square

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



57.9485, 0.3144, 0.3255



57.9485, 0.3186, 0.3331



57.9485, 0.3110, 0.3326



57.9485, 0.3068, 0.3249

Rectangle

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



57.9485, 0.3144, 0.3255



57.9485, 0.3183, 0.3299



57.9485, 0.3110, 0.3326



57.9485, 0.3071, 0.3281

Sweetspot

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



57.9510, 0.3144, 0.3255



98.3190, 0.3134, 0.3275



57.6198, 0.3106, 0.3232



21.0620, 0.3134, 0.3276



0.0000, 0.0000, 0.0000



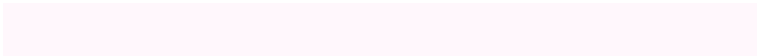
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9510, 0.3144, 0.3255



95.0225, 0.3149, 0.3246



57.8383, 0.3162, 0.3283



12.4728, 0.3154, 0.3235



9.0041, 0.4509, 0.2257



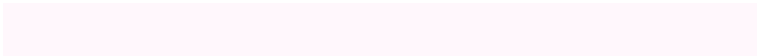
0.4792, 0.4189, 0.2081

Inverse Universe

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



57.9510, 0.3144, 0.3255



95.0225, 0.3149, 0.3246



59.6308, 0.3094, 0.3297



12.4728, 0.3154, 0.3235



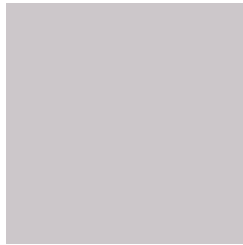
9.0041, 0.4509, 0.2257



0.4792, 0.4189, 0.2081

Previews

White Background



This preview shows how the Yxy color 57.9485, 0.3144, 0.3255 looks on a white background.

Color Contrast Check

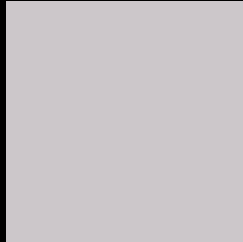
Large Text (above 18pt) WCAG AA × Fail

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 57.9485, 0.3144, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

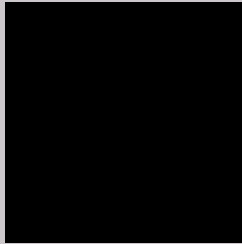
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

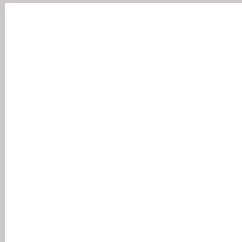
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9485, 0.3144, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 57.9485, 0.3144, 0.3255.

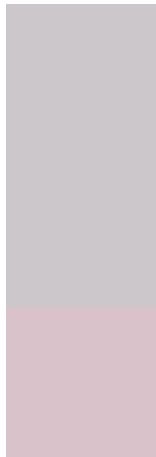


This preview shows how white text looks on a background with the Yxy color 57.9485, 0.3144, 0.3255.

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

57.9485, 0.3144, 0.3255

Protanopia

57.8076, 0.3137, 0.3255

Deuteranopia

57.8008, 0.3253, 0.3188



Tritanopia

57.8584, 0.3081, 0.3104

Trichromacy



Original Color

57.9485, 0.3144, 0.3255

Protanomaly

57.8076, 0.3137, 0.3255

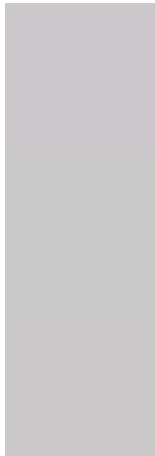
Deuteranomaly

57.9378, 0.3211, 0.3209

Tritanomaly

57.9708, 0.3102, 0.3162

Monochromacy



Original Color

57.9485, 0.3144, 0.3255

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.0822, 0.3136, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9485, 0.3144, 0.3255 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(204, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(204, 199, 202)  
}
```

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(204, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 199, 202) }
```

Border

The CSS property to change the border of an element to Yxy 57.9485, 0.3144, 0.3255 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(204, 199, 202) }
```

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

```
.border{ border-color:rgb(204, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(204, 199,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9485, 0.3144, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 199, 202) }
```

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

```
.background{ background-color: rgb(204,  
199, 202) }
```

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