

Converting Colors

Yxy(55.2365, 0.3066, 0.3154)

Have a look what the booklet for
Yxy(55.2365, 0.3066, 0.3154)
contains.

Yxy(55.3568, 0.3063, 0.3158)	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(55.3568, 0.3063, 0.3158)

Conversions

Conversions Part 1

Format	Color
Hex	C5C3CE
RGB	197, 195, 206
RGB Percent	77%, 76%, 81%
CMY	0.2272, 0.2353, 0.1922
CMYK	0.04, 0.05, 0.00, 0.19
HSL	251°, 10%, 79%
HSV	251°, 5%, 81%
XYZ	53.6915, 55.3568, 66.2424
YIQ	196.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

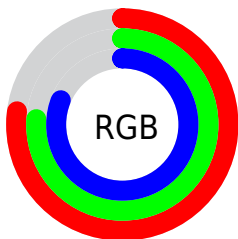
Format	Color
RYB	197, 195, 206
Decimal	12960718
CIELab	79.25, 2.78, -5.25
CIELCh	79, 5.942, 297.910
Yxy	55.3568, 0.3063, 0.3158
Android (android.graphics.Color)	4291150798 (0xFFC5C3CE)
YUV	196.8520, 4.5100, 0.1298
Hunter-Lab	74.4022, -1.3911, -0.7061

Details

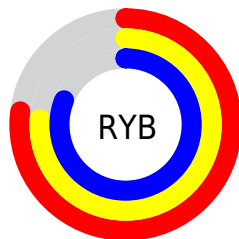
The Yxy color **55.3568, 0.3063, 0.3158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9058, 0.3189, 0.3420**, and the grayscale version is **55.7196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9116, 0.3122, 0.3261**, and **27.1564, 0.3040, 0.3113** is the 20% darker color. If you saturate the color by 10%, you get **44.6214, 0.2929, 0.2888**, and if you desaturate by 10%, it is **67.6209, 0.3179, 0.3398**.

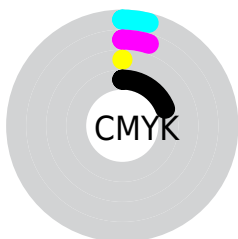
Distribution



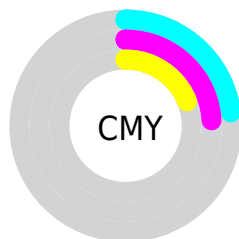
- Red (77%)
- Green (76%)
- Blue (81%)



- Red (77%)
- Yellow (76%)
- Blue (81%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (23%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3568, 0.3063, 0.3158 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 55.3568, 0.3063, 0.3158 by changing the saturation by 10% instead.

■ 55.3568, 0.3063,
0.3158

■ 55.3568, 0.3063,
0.3158

407.2630, 0.3094,
0.3222

■ 39.6875, 0.3055,
0.3143

■ 98.0635, 0.3074,
0.3181

■ 27.2949, 0.3046,
0.3123

125.8697, 0.3078,
0.3189

■ 17.7949, 0.3033,
0.3098

158.4903, 0.3082,
0.3197

■ 10.8028, 0.3016,
0.3065

196.3097, 0.3085,
0.3203

■ 5.9344, 0.2991,
0.3016

239.7122, 0.3088,
0.3209

■ 2.8052, 0.2952,
0.2941

289.0824, 0.3090,

■ 1.0309, 0.2882,

0.3214

0.2811

344.8045, 0.3092,
0.3218

0.0000, 0.0000,
0.0000

55.3568, 0.3063,
0.3158

55.3568, 0.3063,
0.3158

44.6214, 0.2929,
0.2888

67.6209, 0.3179,
0.3398

35.3478, 0.2777,
0.2591

81.4633, 0.3279,
0.3610

27.4743, 0.2607,
0.2269

95.7945, 0.3366,
0.3779

20.9321, 0.2424,
0.1934

97.2359, 0.3418,
0.3770

15.6469, 0.2234,
0.1601

■ 11.5365, 0.2046,
0.1289

■ 8.5090, 0.1874,
0.1021

■ 6.4584, 0.1730,
0.0817

■ 5.2566, 0.1622,
0.0688

Harmonies

Analogous

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



55.3568, 0.3003, 0.3164



55.3568, 0.3063, 0.3158



55.3568, 0.3141, 0.3186

Triad

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



55.3568, 0.3063, 0.3158



55.3568, 0.3281, 0.3373



55.3568, 0.3038, 0.3340

Complementary

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



55.3568, 0.3063, 0.3158



60.9058, 0.3189, 0.3420

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.



55.3568, 0.3112, 0.3398



55.3568, 0.3063, 0.3158



55.3568, 0.3252, 0.3417

Square

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



55.3568, 0.3063, 0.3158



55.3568, 0.3268, 0.3309



55.3568, 0.3190, 0.3426



55.3568, 0.2989, 0.3268

Rectangle

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



55.3568, 0.3063, 0.3158



55.3568, 0.3193, 0.3220



55.3568, 0.3190, 0.3426



55.3568, 0.3061, 0.3361

Sweetspot

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



55.3592, 0.3063, 0.3158



96.0120, 0.3103, 0.3241



59.2307, 0.3045, 0.3266



20.5923, 0.3105, 0.3243



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.



55.3592, 0.3063, 0.3158



88.3427, 0.3054, 0.3139



56.1088, 0.3106, 0.3160



11.6163, 0.3047, 0.3126



3.0375, 0.1594, 0.0652



0.1879, 0.1776, 0.0752

Inverse Universe

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



56.5022, 0.3149, 0.3185



90.4399, 0.3152, 0.3170



60.1492, 0.3147, 0.3421



11.9169, 0.3154, 0.3160



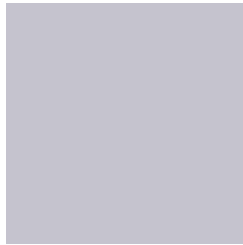
9.8183, 0.3745, 0.1837



0.5161, 0.3622, 0.1769

Previews

White Background



This preview shows how the Yxy color 55.3568, 0.3063, 0.3158 looks on a white background.

Color Contrast Check

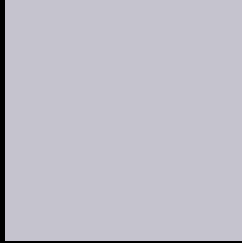
Large Text (above 18pt) WCAG AA × Fail

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 55.3568, 0.3063, 0.3158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

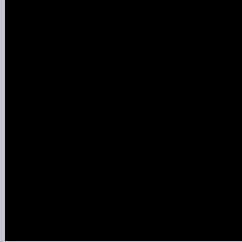
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

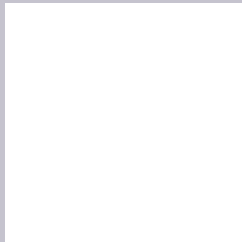
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3568, 0.3063, 0.3158

Background



This preview shows how black text looks on a background with the Yxy color 55.3568, 0.3063, 0.3158.

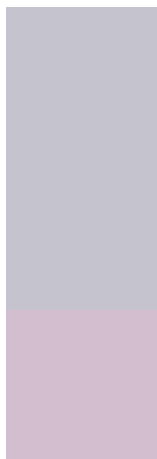


This preview shows how white text looks on a background with the Yxy color 55.3568, 0.3063, 0.3158.

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

55.3568, 0.3063, 0.3158

Protanopia

55.3568, 0.3063, 0.3158

Deuteranopia

55.0335, 0.3161, 0.3092



Tritanopia

55.2425, 0.3042, 0.3099

Trichromacy



Original Color

55.3568, 0.3063, 0.3158

Protanomaly

55.3568, 0.3063, 0.3158

Deuteranomaly

55.1834, 0.3119, 0.3113

Tritanomaly

55.1928, 0.3049, 0.3111

Monochromacy



Original Color

55.3568, 0.3063, 0.3158

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.5203, 0.3106, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3568, 0.3063, 0.3158 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(197, 195, 206)` looks like.

```
.text, #text, p{  
    color:rgb(197, 195, 206)  
}
```

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(197, 195, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 195, 206) }
```

Border

The CSS property to change the border of an element to Yxy 55.3568, 0.3063, 0.3158 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(197, 195, 206) }
```

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

```
.border{ border-color:rgb(197, 195, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 195, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 195, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 195, 206);  
box-shadow:4px 4px 4px 4px rgb(197, 195,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3568, 0.3063, 0.3158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 195, 206) }
```

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

```
.background{ background-color: rgb(197,  
195, 206) }
```

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