

Converting Colors

$Y_{xy}(59.5013, 0.3066, 0.3182)$

Have a look what the booklet for
Yxy(59.5013, 0.3066, 0.3182)
contains.

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Color

Yxy(59.5008, 0.3063, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	CACAD3
RGB	202, 202, 211
RGB Percent	79%, 79%, 83%
CMY	0.2081, 0.2077, 0.1726
CMYK	0.04, 0.04, 0.00, 0.17
HSL	239°, 9%, 81%
HSV	239°, 4%, 83%
XYZ	57.2216, 59.5008, 70.0933
YIQ	203.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

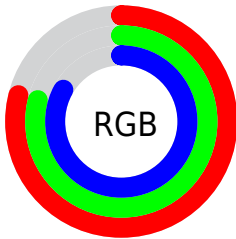
Format	Color
R _Y B	202, 202, 211
Decimal	13290195
CIE Lab	81.57, 1.65, -4.47
CIE LCh	82, 4.768, 290.237
Yxy	59.5008, 0.3063, 0.3185
Android (android.graphics.Color)	4291480275 (0xFFCACAD3)
YUV	203.0260, 3.9312, -0.8998
Hunter-Lab	77.1368, -2.5743, 0.1196

Details

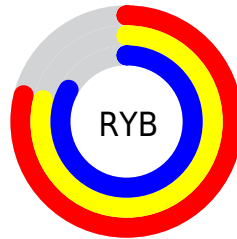
The Yxy color **59.5008, 0.3063, 0.3185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6512, 0.3190, 0.3393**, and the grayscale version is **59.7102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.9100, 0.3043, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **47.6096, 0.2899, 0.2916**, and if you desaturate by 10%, it is **73.1264, 0.3207, 0.3420**.

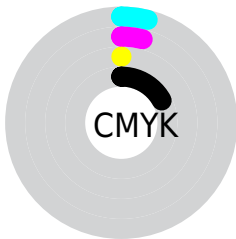
Distribution



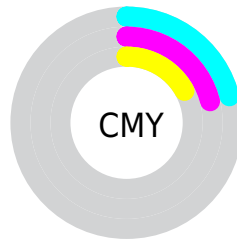
- Red (79%)
- Green (79%)
- Blue (83%)



- Red (79%)
- Yellow (79%)
- Blue (83%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (21%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5008, 0.3063, 0.3185 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 59.5008, 0.3063, 0.3185 by changing the saturation by 10% instead.

■ 59.5008, 0.3063,
0.3185

■ 59.5008, 0.3063,
0.3185

422.7553, 0.3094,
0.3235

■ 43.0164, 0.3056,
0.3173

104.1052, 0.3074,
0.3203

■ 29.8980, 0.3046,
0.3158

132.9939, 0.3078,
0.3210

■ 19.7612, 0.3034,
0.3139

166.7863, 0.3082,
0.3215

■ 12.2216, 0.3018,
0.3113

205.8666, 0.3085,
0.3220

■ 6.8948, 0.2995,
0.3076

250.6192, 0.3088,
0.3225

■ 3.3964, 0.2960,
0.3021

301.4286, 0.3090,

■ 1.3420, 0.2899,

0.3229

0.2927

358.6792, 0.3092,
0.3232

0.1734, 0.2330,
0.1970

0.0000, 0.0000,
0.0000

59.5008, 0.3063,
0.3185

59.5008, 0.3063,
0.3185

47.6096, 0.2899,
0.2916

73.1264, 0.3207,
0.3420

37.3761, 0.2715,
0.2614

88.5442, 0.3331,
0.3623

28.7290, 0.2513,
0.2283

97.4829, 0.3388,
0.3721

21.5889, 0.2300,
0.1932

■ 15.8697, 0.2087,
0.1581

■ 11.4763, 0.1888,
0.1251

■ 8.3024, 0.1720,
0.0972

■ 6.2251, 0.1596,
0.0765

■ 5.0959, 0.1525,
0.0644

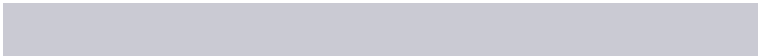
Harmonies

Analogous

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



59.5008, 0.3021, 0.3197



59.5008, 0.3063, 0.3185



59.5008, 0.3122, 0.3200

Triad

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



59.5008, 0.3063, 0.3185



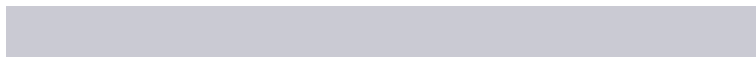
59.5008, 0.3248, 0.3344



59.5008, 0.3071, 0.3342

Complementary

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



59.5008, 0.3063, 0.3185



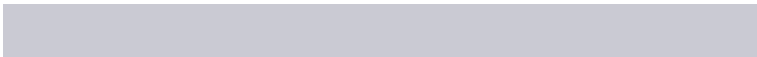
64.6512, 0.3190, 0.3393

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.



59.5008, 0.3132, 0.3382



59.5008, 0.3063, 0.3185



59.5008, 0.3234, 0.3383

Square

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



59.5008, 0.3063, 0.3185



59.5008, 0.3229, 0.3291



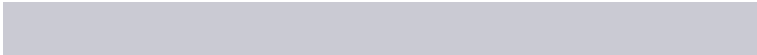
59.5008, 0.3191, 0.3397



59.5008, 0.3026, 0.3288

Rectangle

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



59.5008, 0.3063, 0.3185



59.5008, 0.3164, 0.3224



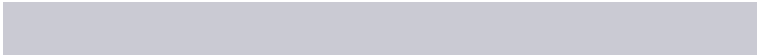
59.5008, 0.3191, 0.3397



59.5008, 0.3090, 0.3358

Sweetspot

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



59.5033, 0.3063, 0.3185



97.9193, 0.3112, 0.3266



63.8293, 0.3062, 0.3292



20.9807, 0.3113, 0.3267



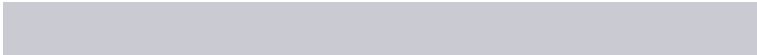
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



59.5033, 0.3063, 0.3185



89.8702, 0.3051, 0.3166



60.0804, 0.3096, 0.3185



12.4218, 0.3042, 0.3151



2.8747, 0.1502, 0.0607



0.1675, 0.1508, 0.0630

Inverse Universe

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



60.3244, 0.3197, 0.3289



91.3467, 0.3210, 0.3289



64.0579, 0.3157, 0.3395



12.6516, 0.3220, 0.3289



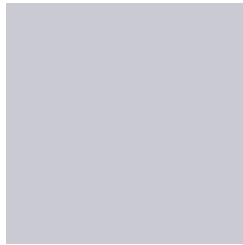
8.3615, 0.6389, 0.3293



0.4682, 0.6350, 0.3272

Previews

White Background



This preview shows how the Yxy color 59.5008, 0.3063, 0.3185 looks on a white background.

Color Contrast Check

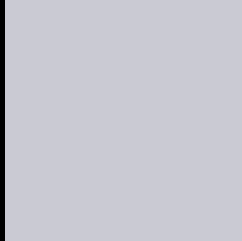
Large Text (above 18pt) WCAG AA × Fail

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 59.5008, 0.3063, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

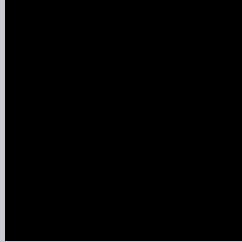
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

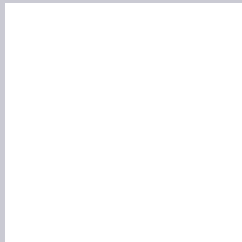
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5008, 0.3063, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 59.5008, 0.3063, 0.3185.

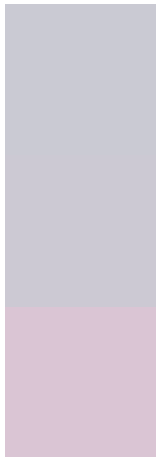


This preview shows how white text looks on a background with the Yxy color 59.5008, 0.3063, 0.3185.

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

59.5008, 0.3063, 0.3185

Protanopia

59.3138, 0.3079, 0.3173

Deuteranopia

59.5914, 0.3182, 0.3121



Tritanopia

59.4796, 0.3029, 0.3105

Trichromacy



Original Color

59.5008, 0.3063, 0.3185

Protanomaly

59.1729, 0.3071, 0.3173

Deuteranomaly

59.5974, 0.3134, 0.3141

Tritanomaly

59.3761, 0.3043, 0.3127

Monochromacy



Original Color

59.5008, 0.3063, 0.3185

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8646, 0.3106, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5008, 0.3063, 0.3185 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(202, 202, 211)` looks like.

```
.text, #text, p{  
    color:rgb(202, 202, 211)  
}
```

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(202, 202, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 202, 211) }
```

Border

The CSS property to change the border of an element to Yxy 59.5008, 0.3063, 0.3185 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(202, 202, 211) }
```

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

```
.border{ border-color:rgb(202, 202, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 202, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 202, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 202, 211);  
box-shadow:4px 4px 4px 4px rgb(202, 202,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5008, 0.3063, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 202, 211) }
```

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

```
.background{ background-color: rgb(202,  
202, 211) }
```

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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