

Converting Colors

Yxy(58.6715, 0.3054, 0.3199)

Have a look what the booklet for
Yxy(58.6715, 0.3054, 0.3199)
contains.

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Color

Yxy(58.5189, 0.3055, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	C7C9D1
RGB	199, 201, 209
RGB Percent	78%, 79%, 82%
CMY	0.2195, 0.2118, 0.1803
CMYK	0.05, 0.04, 0.00, 0.18
HSL	228°, 10%, 80%
HSV	228°, 5%, 82%
XYZ	55.9547, 58.5189, 68.6842
YIQ	201.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

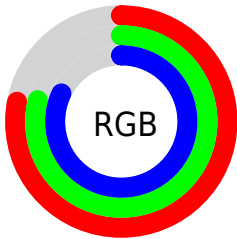
Format	Color
R _Y B	199, 201, 209
Decimal	13093329
CIE Lab	81.03, 0.84, -4.24
CIE LCh	81, 4.320, 281.158
Yxy	58.5189, 0.3055, 0.3195
Android (android.graphics.Color)	4291283409 (0xFFC7C9D1)
YUV	201.3140, 3.7892, -2.0294
Hunter-Lab	76.4976, -3.3059, 0.3143

Details

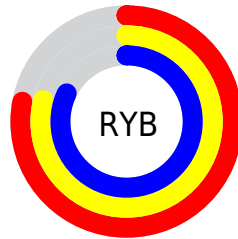
The Yxy color **58.5189, 0.3055, 0.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3337, 0.3199, 0.3383**, and the grayscale version is **58.5952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.2537, 0.3031, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **48.4571, 0.2893, 0.2977**, and if you desaturate by 10%, it is **69.8325, 0.3202, 0.3387**.

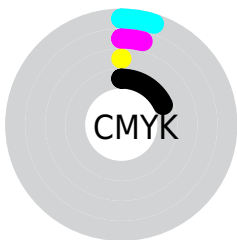
Distribution



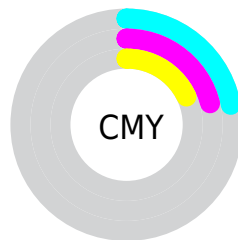
- Red (78%)
- Green (79%)
- Blue (82%)



- Red (78%)
- Yellow (79%)
- Blue (82%)



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5189, 0.3055, 0.3195 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 58.5189, 0.3055, 0.3195 by changing the saturation by 10% instead.

■ 58.5189, 0.3055,
0.3195

■ 58.5189, 0.3055,
0.3195

419.1167, 0.3090,
0.3241

■ 42.2260, 0.3047,
0.3184

102.6781, 0.3067,
0.3211

■ 29.2783, 0.3036,
0.3170

131.3132, 0.3072,
0.3217

■ 19.2914, 0.3023,
0.3153

164.8311, 0.3076,
0.3223

■ 11.8810, 0.3004,
0.3129

203.6162, 0.3080,
0.3227

■ 6.6627, 0.2978,
0.3095

248.0529, 0.3083,
0.3231

■ 3.2521, 0.2938,
0.3043

298.5256, 0.3085,

■ 1.2647, 0.2869,

0.3235

0.2954

355.4188, 0.3088,
0.3238

0.1136, 0.1939,
0.1716

0.0000, 0.0000,
0.0000

58.5189, 0.3055,
0.3195

58.5189, 0.3055,
0.3195

48.4571, 0.2893,
0.2977

69.8325, 0.3202,
0.3387

39.5963, 0.2717,
0.2733

82.4315, 0.3333,
0.3554

31.8935, 0.2530,
0.2465

95.0591, 0.3406,
0.3706

25.2998, 0.2335,
0.2177

97.3848, 0.3399,
0.3740

■ 19.7630, 0.2142,
0.1877

■ 15.2267, 0.1960,
0.1579

■ 11.6286, 0.1800,
0.1300

■ 8.8994, 0.1672,
0.1056

■ 6.9587, 0.1584,
0.0862

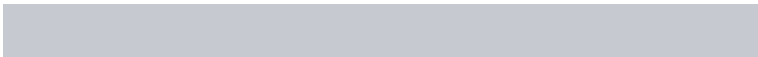
Harmonies

Analogous

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



58.5189, 0.3024, 0.3214



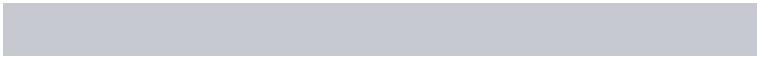
58.5189, 0.3055, 0.3195



58.5189, 0.3105, 0.3201

Triad

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



58.5189, 0.3055, 0.3195



58.5189, 0.3235, 0.3325



58.5189, 0.3092, 0.3350

Complementary

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



58.5189, 0.3055, 0.3195



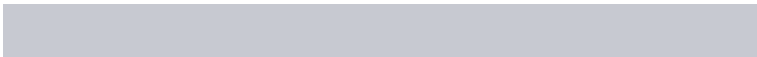
62.3337, 0.3199, 0.3383

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.



58.5189, 0.3148, 0.3381



58.5189, 0.3055, 0.3195



58.5189, 0.3231, 0.3366

Square

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



58.5189, 0.3055, 0.3195



58.5189, 0.3210, 0.3276



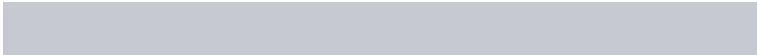
58.5189, 0.3199, 0.3386



58.5189, 0.3045, 0.3303

Rectangle

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



58.5189, 0.3055, 0.3195



58.5189, 0.3143, 0.3219



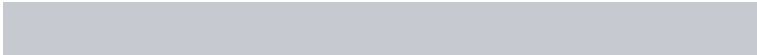
58.5189, 0.3199, 0.3386



58.5189, 0.3110, 0.3363

Sweetspot

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



58.5214, 0.3055, 0.3195



98.2208, 0.3112, 0.3270



62.2651, 0.3067, 0.3313



21.0421, 0.3113, 0.3271



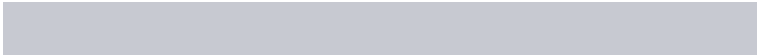
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



58.5214, 0.3055, 0.3195



89.6276, 0.3035, 0.3169



58.0207, 0.3078, 0.3172



12.4274, 0.3027, 0.3158



3.9394, 0.1556, 0.0802



0.3336, 0.1649, 0.1136

Inverse Universe

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



58.6323, 0.3191, 0.3267



89.8579, 0.3210, 0.3261



62.8638, 0.3174, 0.3407



12.4630, 0.3217, 0.3258



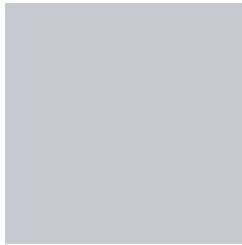
8.4689, 0.6067, 0.3116



0.4850, 0.5558, 0.2835

Previews

White Background



This preview shows how the Yxy color 58.5189, 0.3055, 0.3195 looks on a white background.

Color Contrast Check

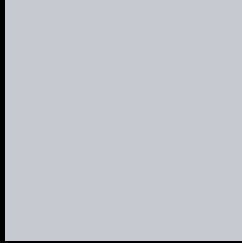
Large Text (above 18pt) WCAG AA × Fail

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 58.5189, 0.3055, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

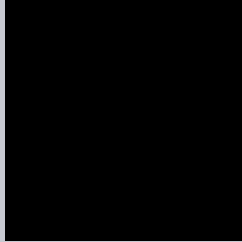
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

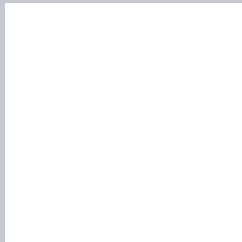
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5189, 0.3055, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 58.5189, 0.3055, 0.3195.

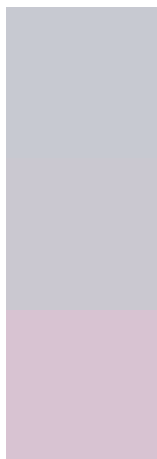


This preview shows how white text looks on a background with the Yxy color 58.5189, 0.3055, 0.3195.

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

58.5189, 0.3055, 0.3195

Protanopia

58.4192, 0.3085, 0.3196

Deuteranopia

58.2823, 0.3183, 0.3119



Tritanopia

58.5458, 0.3014, 0.3103

Trichromacy



Original Color

58.5189, 0.3055, 0.3195

Protanomaly

58.2801, 0.3078, 0.3196

Deuteranomaly

58.2873, 0.3134, 0.3140

Tritanomaly

58.3920, 0.3035, 0.3137

Monochromacy



Original Color

58.5189, 0.3055, 0.3195

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4123, 0.3098, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5189, 0.3055, 0.3195 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(199, 201, 209)` looks like.

```
.text, #text, p{  
    color:rgb(199, 201, 209)  
}
```

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(199, 201, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 201, 209) }
```

Border

The CSS property to change the border of an element to Yxy 58.5189, 0.3055, 0.3195 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(199, 201, 209) }
```

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

```
.border{ border-color:rgb(199, 201, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 201, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 201, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 201, 209);  
box-shadow:4px 4px 4px 4px rgb(199, 201,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5189, 0.3055, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 201, 209) }
```

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

```
.background{ background-color: rgb(199,  
201, 209) }
```

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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