

Converting Colors

Yxy(55.8534, 0.3089, 0.3081)

Have a look what the booklet for
Yxy(55.8534, 0.3089, 0.3081)
contains.

Yxy(55.8222, 0.3089, 0.3079)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.8222, 0.3089, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	CDC1D3
RGB	205, 193, 211
RGB Percent	80%, 76%, 83%
CMY	0.1962, 0.2431, 0.1724
CMYK	0.03, 0.09, 0.00, 0.17
HSL	280°, 17%, 79%
HSV	280°, 9%, 83%
XYZ	56.0035, 55.8222, 69.4741
YIQ	198.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

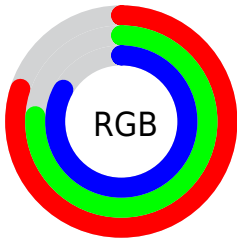
Format	Color
R _Y B	205, 193, 211
Decimal	13484499
CIE Lab	79.51, 7.48, -7.50
CIE LCh	80, 10.598, 314.922
Yxy	55.8222, 0.3089, 0.3079
Android (android.graphics.Color)	4291674579 (0xFFCDC1D3)
YUV	198.6400, 6.0935, 5.5777
Hunter-Lab	74.7143, 3.0481, -2.8316

Details

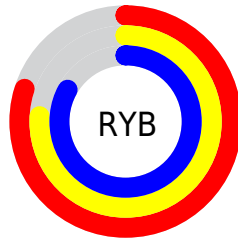
The Yxy color `55.8222, 0.3089, 0.3079` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `62.6083, 0.3162, 0.3504`, and the grayscale version is `56.8441, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.2314, 0.3130, 0.3233`, and `27.7698, 0.3076, 0.3026` is the 20% darker color. If you saturate the color by 10%, you get `46.1642, 0.3036, 0.2817`, and if you desaturate by 10%, it is `66.8621, 0.3133, 0.3325`.

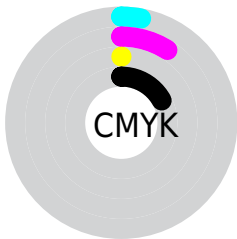
Distribution



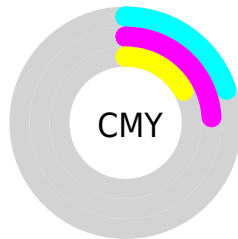
- Red (80%)
- Green (76%)
- Blue (83%)



- Red (80%)
- Yellow (76%)
- Blue (83%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (24%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8222, 0.3089, 0.3079 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 55.8222, 0.3089, 0.3079 by changing the saturation by 10% instead.

■ 55.8222, 0.3089,
0.3079

■ 55.8222, 0.3089,
0.3079

409.0211, 0.3108,
0.3180

■ 40.0604, 0.3084,
0.3055

■ 98.7446, 0.3096,
0.3115

■ 27.5856, 0.3078,
0.3025

126.6739, 0.3099,
0.3128

■ 18.0135, 0.3070,
0.2986

159.4279, 0.3101,
0.3140

■ 10.9597, 0.3059,
0.2934

197.3909, 0.3103,
0.3150

■ 6.0397, 0.3042,
0.2861

240.9473, 0.3104,
0.3159

■ 2.8693, 0.3016,
0.2750

290.4816, 0.3106,

■ 1.0639, 0.2966,

0.3167

0.2561

346.3780, 0.3107,
0.3174

0.0000, 0.2200,
0.0000

0.0000, 0.0000,
0.0000

55.8222, 0.3089,
0.3079

55.8222, 0.3089,
0.3079

46.1642, 0.3036,
0.2817

66.8621, 0.3133,
0.3325

37.8242, 0.2975,
0.2544

79.3300, 0.3170,
0.3552

30.7438, 0.2905,
0.2266

92.4344, 0.3200,
0.3746

24.8577, 0.2826,
0.1994

93.6063, 0.3246,
0.3740

■ 20.0940, 0.2740,
0.1738

■ 94.8262, 0.3292,
0.3734

■ 16.3735, 0.2650,
0.1511

■ 96.0946, 0.3338,
0.3727

■ 13.6058, 0.2558,
0.1324

■ 97.4121, 0.3385,
0.3721

■ 11.6850, 0.2468,
0.1184

■ 97.4850, 0.3387,
0.3720

■ 10.4485, 0.2383,
0.1092

Harmonies

Analogous

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



55.8222, 0.2961, 0.3054



55.8222, 0.3089, 0.3079



55.8222, 0.3230, 0.3157

Triad

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



55.8222, 0.3089, 0.3079



55.8222, 0.3381, 0.3487



55.8222, 0.2913, 0.3306

Complementary

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



55.8222, 0.3089, 0.3079



62.6083, 0.3162, 0.3504

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.



55.8222, 0.3022, 0.3429



55.8222, 0.3089, 0.3079



55.8222, 0.3292, 0.3534

Square

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



55.8222, 0.3089, 0.3079



55.8222, 0.3401, 0.3389



55.8222, 0.3161, 0.3513



55.8222, 0.2861, 0.3181

Rectangle

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



55.8222, 0.3089, 0.3079



55.8222, 0.3312, 0.3230



55.8222, 0.3161, 0.3513



55.8222, 0.2944, 0.3349

Sweetspot

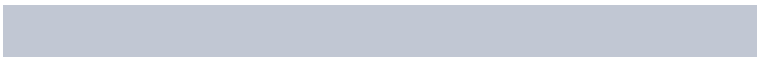
The Sweet Spot groups the original color and five complimentary colors.



55.8246, 0.3089, 0.3079



94.7315, 0.3114, 0.3217



57.0368, 0.2996, 0.3150



19.9823, 0.3111, 0.3197



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.



55.8246, 0.3089, 0.3079



83.2067, 0.3081, 0.3039



56.5682, 0.3157, 0.3113



11.8018, 0.3085, 0.3057



6.2667, 0.2383, 0.1086



0.3930, 0.2537, 0.1171

Inverse Universe

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



56.1243, 0.3227, 0.3219



83.7528, 0.3248, 0.3206



61.9175, 0.3099, 0.3474



11.8728, 0.3239, 0.3212



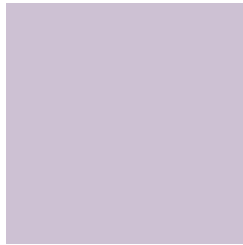
8.6487, 0.5613, 0.2866



0.4982, 0.5093, 0.2579

Previews

White Background



This preview shows how the Yxy color 55.8222, 0.3089, 0.3079 looks on a white background.

Color Contrast Check

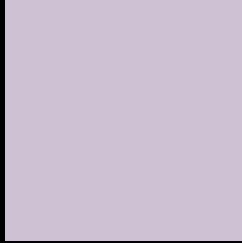
Large Text (above 18pt) WCAG AA × Fail

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 55.8222, 0.3089, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

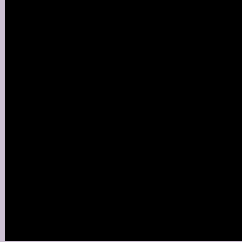
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

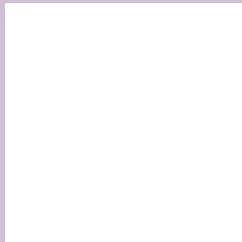
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8222, 0.3089, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 55.8222, 0.3089, 0.3079.



This preview shows how white text looks on a background with the Yxy color 55.8222, 0.3089, 0.3079.

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

55.8222, 0.3089, 0.3079

Protanopia

56.0197, 0.3005, 0.3088

Deuteranopia

55.6664, 0.3130, 0.3059



Tritanopia

55.7225, 0.3104, 0.3102

Trichromacy



Original Color

55.8222, 0.3089, 0.3079

Protanomaly

55.9258, 0.3035, 0.3089

Deuteranomaly

55.8123, 0.3114, 0.3069

Tritanomaly

55.7722, 0.3097, 0.3091

Monochromacy



Original Color

55.8222, 0.3089, 0.3079

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.6618, 0.3115, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8222, 0.3089, 0.3079 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(205, 193, 211)` looks like.

```
.text, #text, p{  
    color:rgb(205, 193, 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(205, 193, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 193, 211) }
```

Border

The CSS property to change the border of an element to Yxy 55.8222, 0.3089, 0.3079 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(205, 193, 211) }
```

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

```
.border{ border-color:rgb(205, 193, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 193, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 193, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 193, 211);  
box-shadow:4px 4px 4px 4px rgb(205, 193,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8222, 0.3089, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 193, 211) }
```

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

```
.background{ background-color: rgb(205,  
193, 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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