

Converting Colors

$Yxy(57.0077, 0.3101, 0.3058)$

Have a look what the booklet for
Yxy(57.0077, 0.3101, 0.3058)
contains.

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Color

Yxy(56.9939, 0.3099, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	D1C2D6
RGB	209, 194, 214
RGB Percent	82%, 76%, 84%
CMY	0.1801, 0.2393, 0.1607
CMYK	0.02, 0.09, 0.00, 0.16
HSL	285°, 20%, 80%
HSV	285°, 9%, 84%
XYZ	57.7392, 56.9939, 71.5824
YIQ	200.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

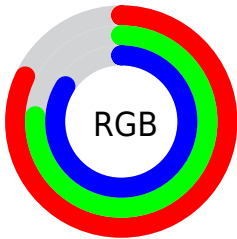
Format	Color
R _Y B	209, 194, 214
Decimal	13746902
CIE Lab	80.18, 8.91, -8.08
CIE LCh	80, 12.030, 317.780
Yxy	56.9939, 0.3099, 0.3059
Android (android.graphics.Color)	4291936982 (0xFFD1C2D6)
YUV	200.7650, 6.5249, 7.2221
Hunter-Lab	75.4943, 4.4044, -3.3717

Details

The Yxy color `56.9939, 0.3099, 0.3059` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `64.1243, 0.3152, 0.3527`, and the grayscale version is `58.2197, 0.3127, 0.3290`.

A 20% lighter version of the original color is `96.8512, 0.3129, 0.3242`, and `28.2279, 0.3098, 0.3000` is the 20% darker color. If you saturate the color by 10%, you get `47.3898, 0.3063, 0.2800`, and if you desaturate by 10%, it is `68.0002, 0.3129, 0.3305`.

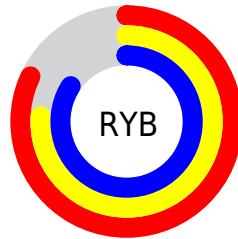
Distribution



Red (82%)

Green (76%)

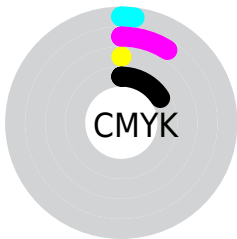
Blue (84%)



Red (82%)

Yellow (76%)

Blue (84%)

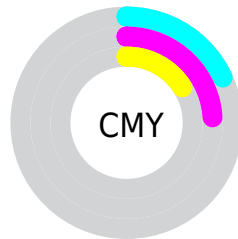


Cyan (2%)

Magenta (9%)

Yellow (0%)

Black (16%)



Cyan (18%)


Magenta (24%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.9939, 0.3099, 0.3059 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 56.9939, 0.3099, 0.3059 by changing the saturation by 10% instead.


 56.9939, 0.3099,
0.3059

 56.9939, 0.3099,
0.3059


413.4265, 0.3113,
0.3169

 41.0003, 0.3095,
0.3033


 100.4563, 0.3104,
0.3098

 28.3194, 0.3091,
0.3001


128.6939, 0.3106,
0.3113

 18.5665, 0.3084,
0.2959


161.7817, 0.3108,
0.3125

 11.3575, 0.3076,
0.2903

200.1040, 0.3109,
0.3136

 6.3078, 0.3063,
0.2825

244.0452, 0.3111,
0.3146

 3.0331, 0.3041,
0.2708

293.9898, 0.3112,

 1.1491, 0.3001,

0.3155

0.2513

350.3221, 0.3113,
0.3162

0.0195, 0.2803,
0.0232

0.0000, 0.0000,
0.0000

56.9939, 0.3099,
0.3059

56.9939, 0.3099,
0.3059

47.3898, 0.3063,
0.2800

68.0002, 0.3129,
0.3305

39.1218, 0.3020,
0.2532

80.4564, 0.3153,
0.3535

32.1298, 0.2970,
0.2265

92.3684, 0.3175,
0.3716

26.3457, 0.2914,
0.2006

93.2296, 0.3208,
0.3711

■ 21.6953, 0.2853,
0.1769

■ 94.1173, 0.3242,
0.3707

■ 18.0959, 0.2788,
0.1563

■ 95.0317, 0.3276,
0.3703

■ 15.4535, 0.2721,
0.1398

■ 95.9731, 0.3311,
0.3698

■ 13.6568, 0.2655,
0.1279

■ 96.9415, 0.3345,
0.3694

■ 12.5202, 0.2590,
0.1203

■ 97.6356, 0.3369,
0.3691

Harmonies

Analogous

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



56.9939, 0.2952, 0.3024



56.9939, 0.3099, 0.3059



56.9939, 0.3257, 0.3151

Triad

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



56.9939, 0.3099, 0.3059



56.9939, 0.3407, 0.3519



56.9939, 0.2878, 0.3293

Complementary

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



56.9939, 0.3099, 0.3059



64.1243, 0.3152, 0.3527

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.



56.9939, 0.2995, 0.3435



56.9939, 0.3099, 0.3059



56.9939, 0.3301, 0.3567

Square

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



56.9939, 0.3099, 0.3059



56.9939, 0.3438, 0.3413



56.9939, 0.3149, 0.3536



56.9939, 0.2826, 0.3155

Rectangle

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



56.9939, 0.3099, 0.3059



56.9939, 0.3347, 0.3234



56.9939, 0.3149, 0.3536



56.9939, 0.2910, 0.3342

Sweetspot

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



56.9963, 0.3099, 0.3059



94.8596, 0.3119, 0.3217



57.1641, 0.2983, 0.3111



20.0169, 0.3116, 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.



56.9963, 0.3099, 0.3059



82.1020, 0.3093, 0.3014



57.4767, 0.3175, 0.3118



12.4713, 0.3099, 0.3057



7.5785, 0.2595, 0.1203



0.4947, 0.2706, 0.1264

Inverse Universe

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



56.9930, 0.3252, 0.3233



82.1038, 0.3278, 0.3222



63.6884, 0.3082, 0.3468



12.4706, 0.3253, 0.3233



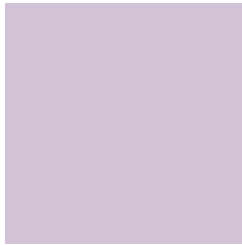
8.8093, 0.5927, 0.3039



0.5446, 0.5428, 0.2764

Previews

White Background



This preview shows how the Yxy color 56.9939, 0.3099, 0.3059 looks on a white background.

Color Contrast Check

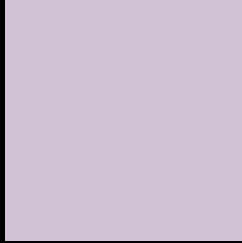
Large Text (above 18pt) WCAG AA × Fail

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 56.9939, 0.3099, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

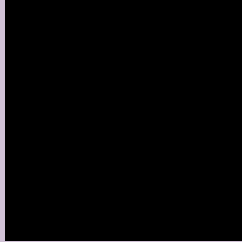
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

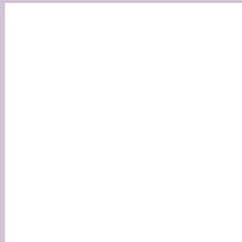
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.9939, 0.3099, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 56.9939, 0.3099, 0.3059.



This preview shows how white text looks on a background with the Yxy color 56.9939, 0.3099, 0.3059.

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

56.9939, 0.3099, 0.3059

Protanopia

57.2164, 0.2991, 0.3078

Deuteranopia

56.8439, 0.3115, 0.3049



Tritanopia

57.0933, 0.3120, 0.3116

Trichromacy



Original Color

56.9939, 0.3099, 0.3059

Protanomaly

57.2563, 0.3029, 0.3079

Deuteranomaly

56.6966, 0.3107, 0.3048

Tritanomaly

57.1433, 0.3112, 0.3104

Monochromacy



Original Color

56.9939, 0.3099, 0.3059

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.6818, 0.3116, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9939, 0.3099, 0.3059 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(209, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 214)  
}
```

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(209, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 214) }
```

Border

The CSS property to change the border of an element to Yxy 56.9939, 0.3099, 0.3059 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(209, 194, 214) }
```

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

```
.border{ border-color:rgb(209, 194, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9939, 0.3099, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 214) }
```

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

```
.background{ background-color: rgb(209,  
194, 214) }
```

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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