

Converting Colors

Yxy(57.9094, 0.3074, 0.3093)

Have a look what the booklet for
Yxy(57.9094, 0.3074, 0.3093)
contains.

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Color

Yxy(57.9094, 0.3074, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	CEC5D6
RGB	206, 197, 214
RGB Percent	81%, 77%, 84%
CMY	0.1922, 0.2274, 0.1608
CMYK	0.04, 0.08, 0.00, 0.16
HSL	272°, 17%, 81%
HSV	272°, 8%, 84%
XYZ	57.5537, 57.9094, 71.7642
YIQ	201.6290, -0.0930, 7.1950

Conversions

Conversions Part 2

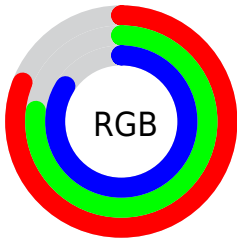
Format	Color
R _Y B	206, 197, 214
Decimal	13551062
CIE Lab	80.69, 6.25, -7.35
CIE LCh	81, 9.645, 310.371
Yxy	57.9094, 0.3074, 0.3093
Android (android.graphics.Color)	4291741142 (0xFFCEC5D6)
YUV	201.6290, 6.0989, 3.8334
Hunter-Lab	76.0982, 1.8290, -2.6445

Details

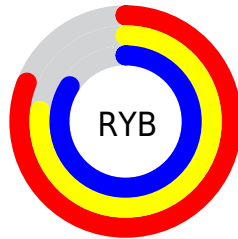
The Yxy color **57.9094, 0.3074, 0.3093** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.1106, 0.3177, 0.3488**, and the grayscale version is **58.7810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.8235, 0.3066, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **47.4729, 0.2997, 0.2827**, and if you desaturate by 10%, it is **69.8234, 0.3140, 0.3339**.

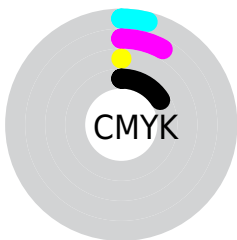
Distribution



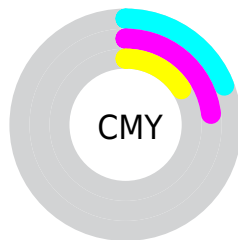
- Red (81%)
- Green (77%)
- Blue (84%)



- Red (81%)
- Yellow (77%)
- Blue (84%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (19%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9094, 0.3074, 0.3093 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 57.9094, 0.3074, 0.3093 by changing the saturation by 10% instead.

■ 57.9094, 0.3074,
0.3093

■ 57.9094, 0.3074,
0.3093

416.8483, 0.3100,
0.3187

■ 41.7358, 0.3068,
0.3071

101.7909, 0.3083,
0.3126

■ 28.8945, 0.3060,
0.3043

130.2676, 0.3087,
0.3139

■ 19.0010, 0.3049,
0.3008

163.6142, 0.3090,
0.3150

■ 11.6710, 0.3035,
0.2960

202.2150, 0.3093,
0.3159

■ 6.5201, 0.3014,
0.2893

246.4544, 0.3095,
0.3167

■ 3.1638, 0.2981,
0.2792

296.7168, 0.3097,

■ 1.2178, 0.2922,

0.3175

0.2623

353.3866, 0.3099,
0.3181

0.0762, 0.2505,
0.0849

0.0000, 0.0000,
0.0000

57.9094, 0.3074,
0.3093

57.9094, 0.3074,
0.3093

47.4729, 0.2997,
0.2827

69.8234, 0.3140,
0.3339

38.4470, 0.2907,
0.2545

83.2635, 0.3195,
0.3563

30.7704, 0.2805,
0.2252

94.2577, 0.3248,
0.3706

24.3744, 0.2692,
0.1959

96.0390, 0.3313,
0.3698

■ 19.1841, 0.2571,
0.1678

■ 97.6352, 0.3370,
0.3691

■ 15.1166, 0.2445,
0.1422

■ 12.0778, 0.2320,
0.1208

■ 9.9577, 0.2200,
0.1044

■ 8.5997, 0.2091,
0.0933

Harmonies

Analogous

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



57.9094, 0.2963, 0.3079



57.9094, 0.3074, 0.3093



57.9094, 0.3201, 0.3157

Triad

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



57.9094, 0.3074, 0.3093



57.9094, 0.3362, 0.3456



57.9094, 0.2947, 0.3322

Complementary

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



57.9094, 0.3074, 0.3093



65.1106, 0.3177, 0.3488

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.



57.9094, 0.3051, 0.3429



57.9094, 0.3074, 0.3093



57.9094, 0.3291, 0.3506

Square

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



57.9094, 0.3074, 0.3093



57.9094, 0.3370, 0.3364



57.9094, 0.3177, 0.3497



57.9094, 0.2891, 0.3208

Rectangle

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



57.9094, 0.3074, 0.3093



57.9094, 0.3278, 0.3220



57.9094, 0.3177, 0.3497



57.9094, 0.2977, 0.3360

Sweetspot

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



57.9119, 0.3074, 0.3093



96.3353, 0.3114, 0.3241



60.4970, 0.3005, 0.3187



20.6581, 0.3115, 0.3244



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.



57.9119, 0.3074, 0.3093



82.5837, 0.3058, 0.3037



59.0749, 0.3138, 0.3100



12.3281, 0.3063, 0.3055



5.1181, 0.2084, 0.0922



0.3578, 0.2268, 0.1023

Inverse Universe

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



58.6435, 0.3203, 0.3198



83.9588, 0.3225, 0.3172



64.0115, 0.3116, 0.3488



12.5174, 0.3218, 0.3180



9.2300, 0.5065, 0.2564



0.5734, 0.4661, 0.2341

Previews

White Background



This preview shows how the Yxy color 57.9094, 0.3074, 0.3093 looks on a white background.

Color Contrast Check

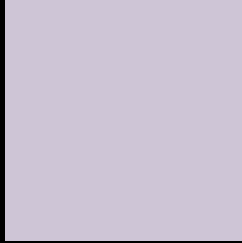
Large Text (above 18pt) WCAG AA × Fail

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 57.9094, 0.3074, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

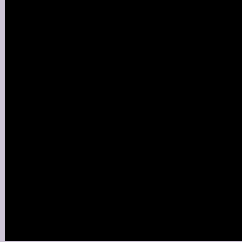
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

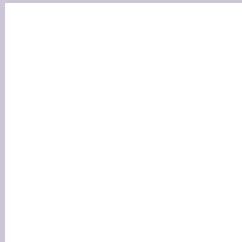
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9094, 0.3074, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 57.9094, 0.3074, 0.3093.



This preview shows how white text looks on a background with the Yxy color 57.9094, 0.3074, 0.3093.

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

57.9094, 0.3074, 0.3093

Protanopia

57.8953, 0.3013, 0.3102

Deuteranopia

57.6360, 0.3123, 0.3051



Tritanopia

57.8584, 0.3081, 0.3104

Trichromacy



Original Color

57.9094, 0.3074, 0.3093

Protanomaly

57.8510, 0.3036, 0.3091

Deuteranomaly

57.6381, 0.3099, 0.3060

Tritanomaly

57.8584, 0.3081, 0.3104

Monochromacy



Original Color

57.9094, 0.3074, 0.3093

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4613, 0.3107, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9094, 0.3074, 0.3093 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(206, 197, 214)` looks like.

```
.text, #text, p{  
    color:rgb(206, 197, 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(206, 197, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 197, 214) }
```

Border

The CSS property to change the border of an element to Yxy 57.9094, 0.3074, 0.3093 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(206, 197, 214) }
```

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

```
.border{ border-color:rgb(206, 197, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 197, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 197, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 197, 214);  
box-shadow:4px 4px 4px 4px rgb(206, 197,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9094, 0.3074, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 197, 214) }
```

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

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