

Converting Colors

Yxy(57.7015, 0.3075, 0.3104)

Have a look what the booklet for
Yxy(57.7015, 0.3075, 0.3104)
contains.

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Color

Yxy(57.7157, 0.3074, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	CDC5D5
RGB	205, 197, 213
RGB Percent	80%, 77%, 84%
CMY	0.1959, 0.2275, 0.1648
CMYK	0.04, 0.08, 0.00, 0.16
HSL	270°, 16%, 80%
HSV	270°, 8%, 84%
XYZ	57.1579, 57.7157, 71.0662
YIQ	201.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

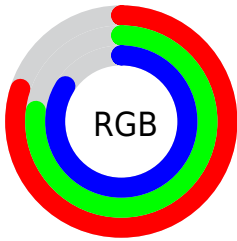
Format	Color
R _Y B	205, 197, 213
Decimal	13485525
CIE Lab	80.58, 5.74, -6.97
CIE LCh	81, 9.028, 309.484
Yxy	57.7157, 0.3074, 0.3104
Android (android.graphics.Color)	4291675605 (0xFFCDC5D5)
YUV	201.2160, 5.8095, 3.3186
Hunter-Lab	75.9708, 1.3483, -2.2826

Details

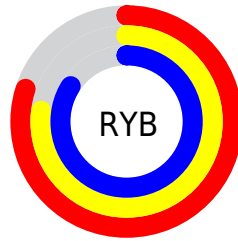
The Yxy color **57.7157, 0.3074, 0.3104** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5825, 0.3177, 0.3476**, and the grayscale version is **58.5163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.6929, 0.3065, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **47.2637, 0.2993, 0.2838**, and if you desaturate by 10%, it is **69.6411, 0.3143, 0.3349**.

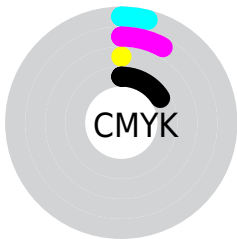
Distribution



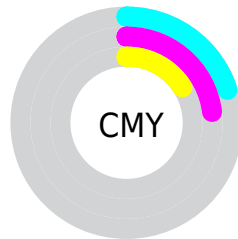
- Red (80%)
- Green (77%)
- Blue (84%)



- Red (80%)
- Yellow (77%)
- Blue (84%)



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



- Cyan (20%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7157, 0.3074, 0.3104 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 57.7157, 0.3074, 0.3104 by changing the saturation by 10% instead.

■ 57.7157, 0.3074,
0.3104

■ 57.7157, 0.3074,
0.3104

416.1257, 0.3100,
0.3193

■ 41.5801, 0.3068,
0.3083

101.5087, 0.3083,
0.3135

■ 28.7727, 0.3060,
0.3057

129.9350, 0.3087,
0.3147

■ 18.9089, 0.3049,
0.3023

163.2269, 0.3090,
0.3158

■ 11.6045, 0.3035,
0.2978

201.7690, 0.3092,
0.3167

■ 6.4750, 0.3014,
0.2914

245.9455, 0.3095,
0.3174

■ 3.1360, 0.2981,
0.2818

296.1408, 0.3097,

■ 1.2031, 0.2923,

0.3181

0.2656

352.7394, 0.3098,
0.3187

0.0643, 0.2446,
0.0781

0.0000, 0.0000,
0.0000

57.7157, 0.3074,
0.3104

57.7157, 0.3074,
0.3104

47.2637, 0.2993,
0.2838

69.6411, 0.3143,
0.3349

38.2186, 0.2898,
0.2555

83.0881, 0.3202,
0.3572

30.5199, 0.2791,
0.2260

94.2947, 0.3257,
0.3717

24.0997, 0.2673,
0.1963

96.1701, 0.3326,
0.3708

■ 18.8838, 0.2546,
0.1677

■ 97.5832, 0.3376,
0.3701

■ 14.7902, 0.2414,
0.1416

■ 11.7263, 0.2283,
0.1195

■ 9.5839, 0.2158,
0.1025

■ 8.2149, 0.2046,
0.0910

Harmonies

Analogous

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



57.7157, 0.2971, 0.3092



57.7157, 0.3074, 0.3104



57.7157, 0.3193, 0.3163

Triad

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



57.7157, 0.3074, 0.3104



57.7157, 0.3349, 0.3444



57.7157, 0.2960, 0.3323

Complementary

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



57.7157, 0.3074, 0.3104



64.5825, 0.3177, 0.3476

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.



57.7157, 0.3059, 0.3423



57.7157, 0.3074, 0.3104



57.7157, 0.3284, 0.3492

Square

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



57.7157, 0.3074, 0.3104



57.7157, 0.3353, 0.3357



57.7157, 0.3177, 0.3485



57.7157, 0.2906, 0.3217

Rectangle

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



57.7157, 0.3074, 0.3104



57.7157, 0.3266, 0.3222



57.7157, 0.3177, 0.3485



57.7157, 0.2989, 0.3359

Sweetspot

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



57.7182, 0.3074, 0.3104



96.3112, 0.3113, 0.3241



60.3309, 0.3012, 0.3196



20.6532, 0.3114, 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.



57.7182, 0.3074, 0.3104



84.1207, 0.3062, 0.3063



58.8779, 0.3136, 0.3108



12.3123, 0.3059, 0.3055



4.9076, 0.2034, 0.0894



0.3452, 0.2222, 0.0998

Inverse Universe

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



58.4799, 0.3195, 0.3199



85.5005, 0.3211, 0.3179



63.4808, 0.3118, 0.3479



12.5228, 0.3214, 0.3175



9.2964, 0.4959, 0.2505



0.5774, 0.4576, 0.2294

Previews

White Background



This preview shows how the Yxy color 57.7157, 0.3074, 0.3104 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 57.7157, 0.3074, 0.3104 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 57.7157, 0.3074, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 57.7157, 0.3074, 0.3104.

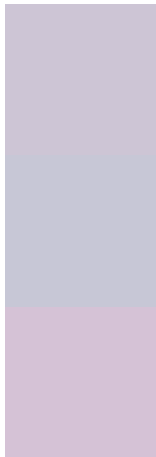


This preview shows how white text looks on a background with the Yxy color 57.7157, 0.3074, 0.3104.

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

57.7157, 0.3074, 0.3104

Protanopia

57.8440, 0.3020, 0.3114

Deuteranopia

57.5847, 0.3130, 0.3062



Tritanopia

57.7157, 0.3074, 0.3104

Trichromacy



Original Color

57.7157, 0.3074, 0.3104

Protanomaly

57.6607, 0.3036, 0.3102

Deuteranomaly

57.5869, 0.3106, 0.3072

Tritanomaly

57.7157, 0.3074, 0.3104

Monochromacy



Original Color

57.7157, 0.3074, 0.3104

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.2729, 0.3107, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7157, 0.3074, 0.3104 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, 197, 213)` looks like.

```
.text, #text, p{  
    color:rgb(205, 197, 213)  
}
```

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, 197, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 197, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.7157, 0.3074, 0.3104 is called "border". The border property can be set on classes, ids or directly on the HTML element.

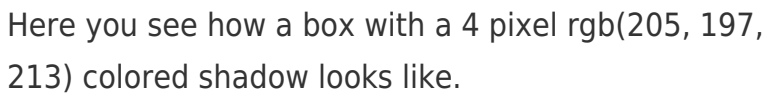
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 197, 213) }
```

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

```
.border{ border-color:rgb(205, 197, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 197, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 197, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 197, 213); box-shadow:4px 4px 4px 4px rgb(205, 197, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7157, 0.3074, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 197, 213) }
```

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

```
.background{ background-color: rgb(205,  
197, 213) }
```

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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