

Converting Colors

Yxy(57.6515, 0.3075, 0.3070)

Have a look what the booklet for
Yxy(57.6515, 0.3075, 0.3070)
contains.

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Color

Yxy(57.6515, 0.3075, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	CFC4D7
RGB	207, 196, 215
RGB Percent	81%, 77%, 84%
CMY	0.1881, 0.2314, 0.1567
CMYK	0.04, 0.09, 0.00, 0.16
HSL	275°, 19%, 81%
HSV	275°, 9%, 84%
XYZ	57.7454, 57.6515, 72.3930
YIQ	201.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

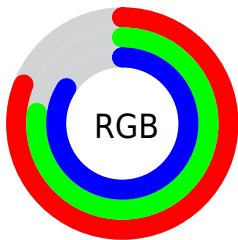
Format	Color
R _Y B	207, 196, 215
Decimal	13616343
CIE Lab	80.54, 7.34, -8.10
CIE LCh	81, 10.930, 312.157
Yxy	57.6515, 0.3075, 0.3070
Android (android.graphics.Color)	4291806423 (0xFFCFC4D7)
YUV	201.4550, 6.6777, 4.8630
Hunter-Lab	75.9286, 2.8782, -3.3792

Details

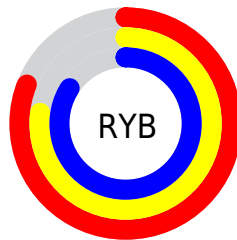
The Yxy color **57.6515, 0.3075, 0.3070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4381, 0.3175, 0.3512**, and the grayscale version is **58.6671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **28.6564, 0.3067, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **47.3734, 0.3006, 0.2804**, and if you desaturate by 10%, it is **69.3993, 0.3133, 0.3317**.

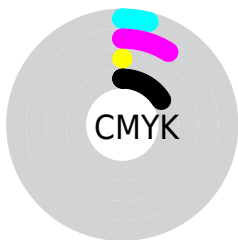
Distribution



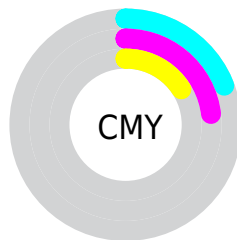
- Red (81%)
- Green (77%)
- Blue (84%)



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



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6515, 0.3075, 0.3070 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 57.6515, 0.3075, 0.3070 by changing the saturation by 10% instead.

■ 57.6515, 0.3075,
0.3070

■ 57.6515, 0.3075,
0.3070

■ 415.8861, 0.3101,
0.3175

■ 41.5285, 0.3069,
0.3045

■ 101.4152, 0.3084,
0.3107

■ 28.7323, 0.3061,
0.3015

■ 129.8247, 0.3088,
0.3121

■ 18.8784, 0.3050,
0.2975

■ 163.0985, 0.3091,
0.3133

■ 11.5825, 0.3036,
0.2922

■ 201.6211, 0.3093,
0.3144

■ 6.4600, 0.3015,
0.2848

■ 245.7767, 0.3096,
0.3153

■ 3.1268, 0.2981,
0.2736

■ 295.9498, 0.3098,

■ 1.1983, 0.2921,

0.3161

352.5248, 0.3099,
0.3168

0.2550

0.0603, 0.2545,
0.0649

0.0000, 0.0000,
0.0000

57.6515, 0.3075,
0.3070

57.6515, 0.3075,
0.3070

47.3734, 0.3006,
0.2804

69.3993, 0.3133,
0.3317

38.4976, 0.2926,
0.2524

82.6659, 0.3182,
0.3544

30.9621, 0.2835,
0.2237

93.9459, 0.3228,
0.3698

24.6976, 0.2734,
0.1952

95.5170, 0.3286,
0.3690

■ 19.6281, 0.2626,
0.1681

■ 97.1674, 0.3345,
0.3683

■ 15.6693, 0.2513,
0.1438

■ 97.6878, 0.3363,
0.3681

■ 12.7258, 0.2399,
0.1237

■ 10.6847, 0.2290,
0.1086

■ 9.3699, 0.2189,
0.0984

Harmonies

Analogous

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



57.6515, 0.2947, 0.3050



57.6515, 0.3075, 0.3070



57.6515, 0.3219, 0.3145

Triad

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



57.6515, 0.3075, 0.3070



57.6515, 0.3391, 0.3483



57.6515, 0.2917, 0.3318

Complementary

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



57.6515, 0.3075, 0.3070



65.4381, 0.3175, 0.3512

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.



57.6515, 0.3032, 0.3442



57.6515, 0.3075, 0.3070



57.6515, 0.3307, 0.3537

Square

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



57.6515, 0.3075, 0.3070



57.6515, 0.3404, 0.3380



57.6515, 0.3174, 0.3523



57.6515, 0.2858, 0.3190

Rectangle

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



57.6515, 0.3075, 0.3070



57.6515, 0.3305, 0.3217



57.6515, 0.3174, 0.3523



57.6515, 0.2950, 0.3362

Sweetspot

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



57.6540, 0.3075, 0.3070



94.6108, 0.3110, 0.3216



59.9439, 0.2991, 0.3163



19.9496, 0.3106, 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.



57.6540, 0.3075, 0.3070



81.2219, 0.3060, 0.3012



58.7715, 0.3147, 0.3088



12.3605, 0.3071, 0.3055



5.5875, 0.2192, 0.0981



0.3852, 0.2364, 0.1076

Inverse Universe

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



58.2883, 0.3219, 0.3198



82.3878, 0.3246, 0.3174



64.3939, 0.3108, 0.3500



12.5066, 0.3226, 0.3192



9.1070, 0.5280, 0.2682



0.5656, 0.4837, 0.2438

Previews

White Background



This preview shows how the Yxy color 57.6515, 0.3075, 0.3070 looks on a white background.

Color Contrast Check

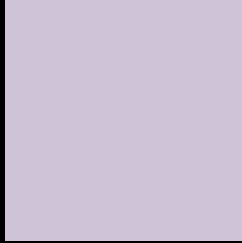
Large Text (above 18pt) WCAG AA × Fail

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 57.6515, 0.3075, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

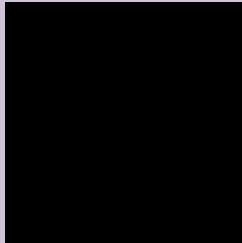
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

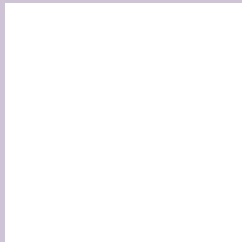
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6515, 0.3075, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 57.6515, 0.3075, 0.3070.



This preview shows how white text looks on a background with the Yxy color 57.6515, 0.3075, 0.3070.

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

57.6515, 0.3075, 0.3070

Protanopia

57.9987, 0.3000, 0.3079

Deuteranopia

57.4869, 0.3115, 0.3050



Tritanopia

57.4987, 0.3097, 0.3104

Trichromacy



Original Color

57.6515, 0.3075, 0.3070

Protanomaly

57.9026, 0.3029, 0.3080

Deuteranomaly

57.6381, 0.3099, 0.3060

Tritanomaly

57.5493, 0.3089, 0.3093

Monochromacy



Original Color

57.6515, 0.3075, 0.3070

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.9996, 0.3108, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6515, 0.3075, 0.3070 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(207, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 215)  
}
```

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(207, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 215) }
```

Border

The CSS property to change the border of an element to Yxy 57.6515, 0.3075, 0.3070 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(207, 196, 215) }
```

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

```
.border{ border-color:rgb(207, 196, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 215);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6515, 0.3075, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 215) }
```

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

```
.background{ background-color: rgb(207,  
196, 215) }
```

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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