

Converting Colors

Yxy(57.0514, 0.3251, 0.3071)

Have a look what the booklet for
Yxy(57.0514, 0.3251, 0.3071)
contains.

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Color

Yxy(57.1183, 0.3251, 0.3077)

Conversions

Conversions Part 1

Format	Color
Hex	DFBED1
RGB	223, 190, 209
RGB Percent	87%, 75%, 82%
CMY	0.1256, 0.2548, 0.1804
CMYK	0.00, 0.15, 0.06, 0.13
HSL	325°, 34%, 81%
HSV	325°, 15%, 87%
XYZ	60.3483, 57.1183, 68.1633
YIQ	202.0330, 13.5690, 12.9050

Conversions

Conversions Part 2

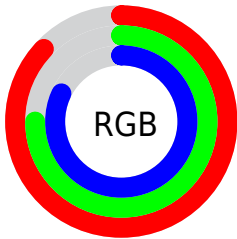
Format	Color
R _Y B	223, 190, 209
Decimal	14663377
CIE Lab	80.25, 14.89, -5.15
CIE LCh	80, 15.758, 340.926
Yxy	57.1183, 0.3251, 0.3077
Android (android.graphics.Color)	4292853457 (0xFFDFBED1)
YUV	202.0330, 3.4347, 18.3881
Hunter-Lab	75.5766, 10.2738, -0.5705

Details

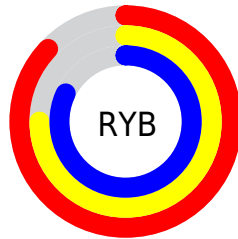
The Yxy color **57.1183, 0.3251, 0.3077** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0730, 0.3020, 0.3513**, and the grayscale version is **59.0564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **28.5827, 0.3282, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **47.7337, 0.3355, 0.2925**, and if you desaturate by 10%, it is **68.0134, 0.3164, 0.3223**.

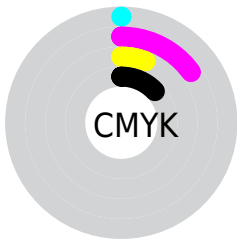
Distribution



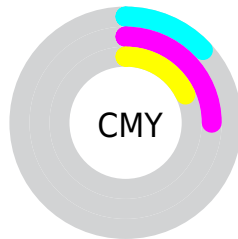
- Red (87%)
- Green (75%)
- Blue (82%)



- Red (87%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (13%)





- Cyan (13%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1183, 0.3251, 0.3077 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 57.1183, 0.3251, 0.3077 by changing the saturation by 10% instead.


 57.1183, 0.3251,
0.3077

 57.1183, 0.3251,
0.3077

413.8924, 0.3192,
0.3178

 41.1002, 0.3265,
0.3053


 100.6378, 0.3230,
0.3113

 28.3974, 0.3282,
0.3023


128.9080, 0.3222,
0.3126

 18.6254, 0.3305,
0.2985


162.0310, 0.3215,
0.3138

 11.4000, 0.3335,
0.2934

200.3913, 0.3209,
0.3148

 6.3365, 0.3377,
0.2862

244.3731, 0.3204,
0.3157

 3.0508, 0.3441,
0.2755

294.3610, 0.3200,

 1.1583, 0.3548,

0.3165

0.2576

350.7393, 0.3196,
0.3172

0.0272, 0.4830,
0.0338

0.0000, 0.0000,
0.0000

57.1183, 0.3251,
0.3077

57.1183, 0.3251,
0.3077

47.7337, 0.3355,
0.2925

68.0134, 0.3164,
0.3223

39.7847, 0.3478,
0.2772

80.4746, 0.3091,
0.3361

33.2011, 0.3622,
0.2624

93.3409, 0.3031,
0.3470

27.9041, 0.3785,
0.2489

93.9096, 0.2979,
0.3372

■ 23.8065, 0.3967,
0.2380

■ 94.4248, 0.2934,
0.3289

■ 20.8103, 0.4162,
0.2307

■ 18.8016, 0.4362,
0.2282

■ 17.6416, 0.4560,
0.2311

■ 17.2540, 0.4662,
0.2342

Harmonies

Analogous

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



57.1183, 0.3042, 0.2973



57.1183, 0.3251, 0.3077



57.1183, 0.3431, 0.3234

Triad

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



57.1183, 0.3251, 0.3077



57.1183, 0.3392, 0.3647



57.1183, 0.2742, 0.3149

Complementary

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



57.1183, 0.3251, 0.3077



68.0730, 0.3020, 0.3513

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.



57.1183, 0.2830, 0.3337



57.1183, 0.3251, 0.3077



57.1183, 0.3202, 0.3634

Square

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



57.1183, 0.3251, 0.3077



57.1183, 0.3513, 0.3562



57.1183, 0.2997, 0.3518



57.1183, 0.2754, 0.3008

Rectangle

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



57.1183, 0.3251, 0.3077



57.1183, 0.3507, 0.3352



57.1183, 0.2997, 0.3518



57.1183, 0.2761, 0.3209

Sweetspot

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



57.1208, 0.3251, 0.3077



93.3883, 0.3158, 0.3234



54.9613, 0.2994, 0.2909



19.7311, 0.3164, 0.3223



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.



57.1208, 0.3251, 0.3077



72.9390, 0.3284, 0.3027



56.3571, 0.3380, 0.3259



13.8322, 0.3202, 0.3156



10.1702, 0.4634, 0.2326



0.7227, 0.4354, 0.2172

Inverse Universe

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



57.1208, 0.3251, 0.3077



72.9390, 0.3284, 0.3027



68.8932, 0.2920, 0.3321



13.8322, 0.3202, 0.3156



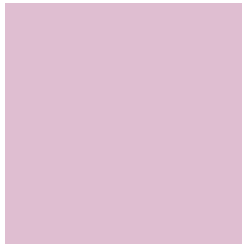
10.1702, 0.4634, 0.2326



0.7227, 0.4354, 0.2172

Previews

White Background



This preview shows how the Yxy color 57.1183, 0.3251, 0.3077 looks on a white background.

Color Contrast Check

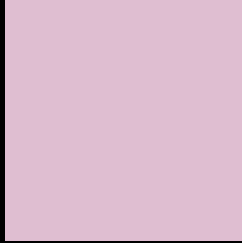
Large Text (above 18pt) WCAG AA × Fail

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 57.1183, 0.3251, 0.3077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

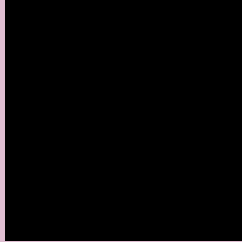
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1183, 0.3251, 0.3077

Background



This preview shows how black text looks on a background with the Yxy color 57.1183, 0.3251, 0.3077.



This preview shows how white text looks on a background with the Yxy color 57.1183, 0.3251, 0.3077.

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

57.1183, 0.3251, 0.3077

Protanopia

57.3853, 0.3020, 0.3102

Deuteranopia

56.9901, 0.3183, 0.3118



Tritanopia

57.1990, 0.3273, 0.3132

Trichromacy



Original Color

57.1183, 0.3251, 0.3077

Protanomaly

57.1936, 0.3105, 0.3093

Deuteranomaly

57.0051, 0.3208, 0.3108

Tritanomaly

57.2474, 0.3265, 0.3121

Monochromacy



Original Color

57.1183, 0.3251, 0.3077

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4976, 0.3170, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1183, 0.3251, 0.3077 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(223, 190, 209)` looks like.

```
.text, #text, p{  
    color:rgb(223, 190, 209)  
}
```

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(223, 190, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 190, 209) }
```

Border

The CSS property to change the border of an element to Yxy 57.1183, 0.3251, 0.3077 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(223, 190, 209) }
```

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

```
.border{ border-color:rgb(223, 190, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 190, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 190, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 190, 209);  
box-shadow:4px 4px 4px 4px rgb(223, 190,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1183, 0.3251, 0.3077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 190, 209) }
```

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

```
.background{ background-color: rgb(223,  
190, 209) }
```

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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