

Converting Colors

Yxy(51.3751, 0.3281, 0.3103)

Have a look what the booklet for
Yxy(51.3751, 0.3281, 0.3103)
contains.

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Color

Yxy(51.3751, 0.3281, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	D6B5C5
RGB	214, 181, 197
RGB Percent	84%, 71%, 77%
CMY	0.1610, 0.2901, 0.2275
CMYK	0.00, 0.15, 0.08, 0.16
HSL	331°, 29%, 77%
HSV	331°, 15%, 84%
XYZ	54.3222, 51.3751, 59.8686
YIQ	192.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

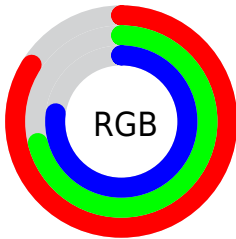
Format	Color
R _Y B	214, 181, 197
Decimal	14071237
CIE Lab	76.91, 14.48, -3.67
CIE LCh	77, 14.939, 345.793
Yxy	51.3751, 0.3281, 0.3103
Android (android.graphics.Color)	4292261317 (0xFFD6B5C5)
YUV	192.6910, 2.1243, 18.6880
Hunter-Lab	71.6764, 9.8479, 0.6508

Details

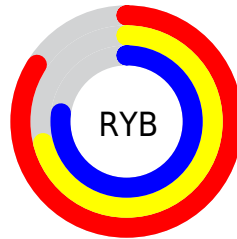
The Yxy color **51.3751, 0.3281, 0.3103** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.9735, 0.2997, 0.3485**, and the grayscale version is **53.1171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9841, 0.3141, 0.3126**, and **24.7924, 0.3325, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **42.8459, 0.3407, 0.2974**, and if you desaturate by 10%, it is **61.2820, 0.3176, 0.3226**.

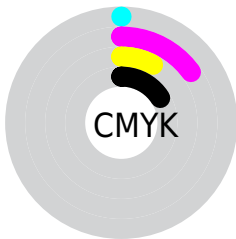
Distribution



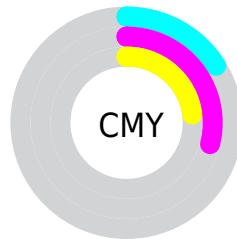
- Red (84%)
- Green (71%)
- Blue (77%)



- Red (84%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (15%)
- Yellow (8%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3751, 0.3281, 0.3103 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 51.3751, 0.3281, 0.3103 by changing the saturation by 10% instead.


 51.3751, 0.3281,
0.3103

 51.3751, 0.3281,
0.3103

392.0194, 0.3206,
0.3194

 36.5072, 0.3299,
0.3081

 92.2090, 0.3254,
0.3135

 24.8262, 0.3322,
0.3053


118.9438, 0.3244,
0.3148

 15.9476, 0.3353,
0.3017


150.4030, 0.3235,
0.3158

 9.4871, 0.3394,
0.2968

186.9711, 0.3228,
0.3167

 5.0602, 0.3454,
0.2898

229.0323, 0.3221,
0.3175

 2.2826, 0.3548,
0.2788

276.9712, 0.3216,

 0.7645, 0.3725,

0.3182

0.2581

331.1721, 0.3211,
0.3188

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3751, 0.3281,
0.3103

51.3751, 0.3281,
0.3103

42.8459, 0.3407,
0.2974

61.2820, 0.3176,
0.3226

35.6260, 0.3559,
0.2844

72.6173, 0.3089,
0.3343

29.6514, 0.3737,
0.2719

85.4378, 0.3018,
0.3450

24.8500, 0.3943,
0.2606

92.1650, 0.2957,
0.3434

■ 21.1422, 0.4174,
0.2518

■ 92.8442, 0.2898,
0.3319

■ 18.4384, 0.4424,
0.2467

■ 93.0293, 0.2883,
0.3289

■ 16.6345, 0.4681,
0.2465

■ 15.6032, 0.4932,
0.2517

■ 15.2831, 0.5045,
0.2553

Harmonies

Analogous

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



51.3751, 0.3076, 0.2990



51.3751, 0.3281, 0.3103



51.3751, 0.3448, 0.3263

Triad

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



51.3751, 0.3281, 0.3103



51.3751, 0.3361, 0.3646



51.3751, 0.2744, 0.3125

Complementary

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



51.3751, 0.3281, 0.3103



61.9735, 0.2997, 0.3485

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.



51.3751, 0.2815, 0.3305



51.3751, 0.3281, 0.3103



51.3751, 0.3168, 0.3615

Square

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



51.3751, 0.3281, 0.3103



51.3751, 0.3493, 0.3576



51.3751, 0.2969, 0.3488



51.3751, 0.2771, 0.2997

Rectangle

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



51.3751, 0.3281, 0.3103



51.3751, 0.3512, 0.3379



51.3751, 0.2969, 0.3488



51.3751, 0.2757, 0.3181

Sweetspot

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



51.3774, 0.3281, 0.3103



91.7173, 0.3173, 0.3231



49.8466, 0.3010, 0.2896



19.3915, 0.3180, 0.3222



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.



51.3774, 0.3281, 0.3103



72.6994, 0.3314, 0.3068



50.6839, 0.3415, 0.3291



12.5201, 0.3216, 0.3178



9.2629, 0.5011, 0.2534



0.5754, 0.4618, 0.2318

Inverse Universe

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



51.3774, 0.3281, 0.3103



72.6994, 0.3314, 0.3068



62.7495, 0.2895, 0.3289



12.5201, 0.3216, 0.3178



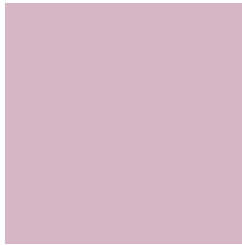
9.2629, 0.5011, 0.2534



0.5754, 0.4618, 0.2318

Previews

White Background



This preview shows how the Yxy color 51.3751, 0.3281, 0.3103 looks on a white background.

Color Contrast Check

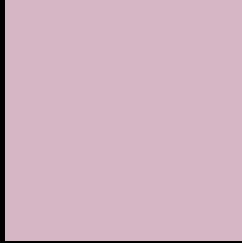
Large Text (above 18pt) WCAG AA × Fail

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 51.3751, 0.3281, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

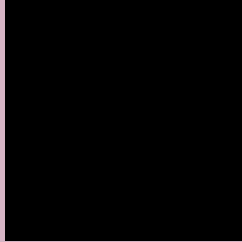
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3751, 0.3281, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 51.3751, 0.3281, 0.3103.



This preview shows how white text looks on a background with the Yxy color 51.3751, 0.3281, 0.3103.

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

51.3751, 0.3281, 0.3103

Protanopia

51.6066, 0.3038, 0.3130

Deuteranopia

51.2456, 0.3210, 0.3146



Tritanopia

51.2840, 0.3298, 0.3126

Trichromacy



Original Color

51.3751, 0.3281, 0.3103

Protanomaly

51.4301, 0.3127, 0.3120

Deuteranomaly

51.2624, 0.3236, 0.3135

Tritanomaly

51.3294, 0.3290, 0.3114

Monochromacy



Original Color

51.3751, 0.3281, 0.3103

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7077, 0.3188, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3751, 0.3281, 0.3103 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(214, 181, 197)` looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 197)  
}
```

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(214, 181, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.3751, 0.3281, 0.3103 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(214, 181, 197) }
```

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

```
.border{ border-color:rgb(214, 181, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 197);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3751, 0.3281, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 197) }
```

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

```
.background{ background-color: rgb(214,  
181, 197) }
```

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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