

Converting Colors

$Y_{xy}(55.2691, 0.3182, 0.2974)$

Have a look what the booklet for
Yxy(55.2691, 0.3182, 0.2974)
contains.

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Color

Yxy(55.0329, 0.3183, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	DBBAD6
RGB	219, 186, 214
RGB Percent	86%, 73%, 84%
CMY	0.1410, 0.2706, 0.1607
CMYK	0.00, 0.15, 0.02, 0.14
HSL	309°, 31%, 79%
HSV	309°, 15%, 86%
XYZ	58.9202, 55.0329, 71.1559
YIQ	199.0590, 10.6800, 15.7040

Conversions

Conversions Part 2

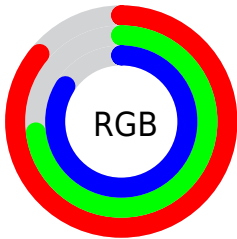
Format	Color
R _Y B	219, 186, 214
Decimal	14400214
CIE Lab	79.06, 16.59, -9.66
CIE LCh	79, 19.196, 329.779
Yxy	55.0329, 0.3183, 0.2973
Android (android.graphics.Color)	4292590294 (0xFFDDBBAD6)
YUV	199.0590, 7.3659, 17.4883
Hunter-Lab	74.1842, 11.9499, -4.9408

Details

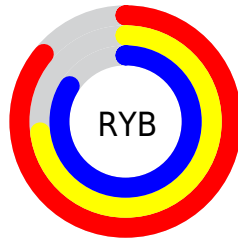
The Yxy color **55.0329, 0.3183, 0.2973** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.8794, 0.3076, 0.3629**, and the grayscale version is **57.1043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **27.1708, 0.3201, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **46.3360, 0.3226, 0.2756**, and if you desaturate by 10%, it is **65.1526, 0.3145, 0.3185**.

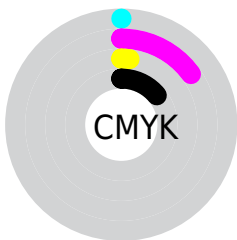
Distribution



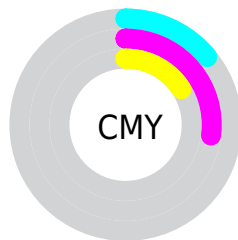
- Red (86%)
- Green (73%)
- Blue (84%)



- Red (86%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (15%)
- Yellow (2%)
- Black (14%)




- Cyan (14%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0329, 0.3183, 0.2973 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 55.0329, 0.3183, 0.2973 by changing the saturation by 10% instead.


 55.0329, 0.3183,
0.2973

 55.0329, 0.3183,
0.2973

406.0366, 0.3158,
0.3123

 39.4281, 0.3189,
0.2938


 97.5892, 0.3174,
0.3026

 27.0929, 0.3196,
0.2894


125.3094, 0.3171,
0.3046

 17.6430, 0.3204,
0.2837


157.8368, 0.3168,
0.3064

 10.6940, 0.3215,
0.2762

195.5559, 0.3165,
0.3079

 5.8615, 0.3230,
0.2657

238.8511, 0.3163,
0.3092

 2.7610, 0.3249,
0.2501

288.1066, 0.3161,

 1.0083, 0.3276,

0.3104

0.2245

343.7070, 0.3159,
0.3114

0.0000, 0.3525,
0.0000

0.0000, 0.0000,
0.0000

55.0329, 0.3183,
0.2973

55.0329, 0.3183,
0.2973

46.3360, 0.3226,
0.2756

65.1526, 0.3145,
0.3185

38.9904, 0.3275,
0.2542

76.7480, 0.3111,
0.3389

32.9293, 0.3328,
0.2337

89.8780, 0.3083,
0.3580

28.0775, 0.3384,
0.2153

92.1475, 0.3063,
0.3578

■ 24.3517, 0.3443,
0.1998

■ 92.3326, 0.3045,
0.3543

■ 21.6583, 0.3502,
0.1881

■ 92.5213, 0.3026,
0.3508

■ 19.8884, 0.3559,
0.1808

■ 92.7136, 0.3008,
0.3473

■ 18.9089, 0.3612,
0.1780

■ 92.9094, 0.2990,
0.3438

■ 18.6054, 0.3638,
0.1778

■ 93.1089, 0.2972,
0.3403

Harmonies

Analogous

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



55.0329, 0.2931, 0.2878



55.0329, 0.3183, 0.2973



55.0329, 0.3428, 0.3144

Triad

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



55.0329, 0.3183, 0.2973



55.0329, 0.3522, 0.3703



55.0329, 0.2682, 0.3196

Complementary

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



55.0329, 0.3183, 0.2973



64.8794, 0.3076, 0.3629

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.



55.0329, 0.2828, 0.3436



55.0329, 0.3183, 0.2973



55.0329, 0.3311, 0.3738

Square

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



55.0329, 0.3183, 0.2973



55.0329, 0.3628, 0.3559



55.0329, 0.3057, 0.3640



55.0329, 0.2650, 0.2995

Rectangle

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



55.0329, 0.3183, 0.2973



55.0329, 0.3551, 0.3283



55.0329, 0.3057, 0.3640



55.0329, 0.2719, 0.3275

Sweetspot

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



55.0353, 0.3183, 0.2973



92.0095, 0.3145, 0.3186



51.2990, 0.2922, 0.2893



19.4626, 0.3147, 0.3171



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.



55.0353, 0.3183, 0.2973



73.6906, 0.3196, 0.2907



54.2353, 0.3314, 0.3157



13.2392, 0.3161, 0.3094



11.0414, 0.3631, 0.1774



0.7247, 0.3551, 0.1730

Inverse Universe

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



55.0353, 0.3183, 0.2973



73.6906, 0.3196, 0.2907



65.6461, 0.2971, 0.3427



13.2392, 0.3161, 0.3094



11.0414, 0.3631, 0.1774



0.7247, 0.3551, 0.1730

Previews

White Background



This preview shows how the Yxy color 55.0329, 0.3183, 0.2973 looks on a white background.

Color Contrast Check

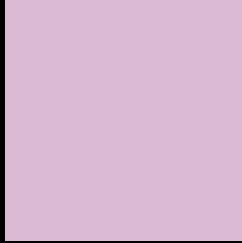
Large Text (above 18pt) WCAG AA × Fail

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 55.0329, 0.3183, 0.2973 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 55.0329, 0.3183, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 55.0329, 0.3183, 0.2973.



This preview shows how white text looks on a background with the Yxy color 55.0329, 0.3183, 0.2973.

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

55.0329, 0.3183, 0.2973

Protanopia

55.3512, 0.2933, 0.3004

Deuteranopia

54.8964, 0.3092, 0.3022



Tritanopia

55.0300, 0.3251, 0.3118

Trichromacy



Original Color

55.0329, 0.3183, 0.2973

Protanomaly

55.2656, 0.3023, 0.2997

Deuteranomaly

55.0482, 0.3124, 0.3013

Tritanomaly

54.9511, 0.3229, 0.3062

Monochromacy



Original Color

55.0329, 0.3183, 0.2973

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.0650, 0.3149, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0329, 0.3183, 0.2973 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(219, 186, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 186, 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(219, 186, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 186, 214) }
```

Border

The CSS property to change the border of an element to Yxy 55.0329, 0.3183, 0.2973 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(219, 186, 214) }
```

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

```
.border{ border-color:rgb(219, 186, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 186, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 186, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 186, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 186,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0329, 0.3183, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 186, 214) }
```

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

```
.background{ background-color: rgb(219,  
186, 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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