

Converting Colors

$Yxy(55.5344, 0.3080, 0.2757)$

Have a look what the booklet for
Yxy(55.5344, 0.3080, 0.2757)
contains.

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Color

Yxy(55.3811, 0.3080, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	DFB7E8
RGB	223, 183, 232
RGB Percent	87%, 72%, 91%
CMY	0.1254, 0.2824, 0.0902
CMYK	0.04, 0.21, 0.00, 0.09
HSL	289°, 52%, 81%
HSV	289°, 21%, 91%
XYZ	61.9367, 55.3811, 83.7755
YIQ	200.5460, 8.1110, 23.7190

Conversions

Conversions Part 2

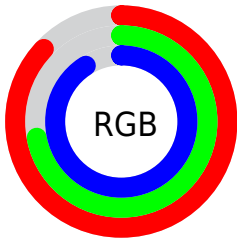
Format	Color
R _Y B	223, 183, 232
Decimal	14661608
CIE Lab	79.26, 22.88, -19.02
CIE LCh	79, 29.756, 320.257
Yxy	55.3811, 0.3080, 0.2754
Android (android.graphics.Color)	4292851688 (0xFFDFB7E8)
YUV	200.5460, 15.5068, 19.6922
Hunter-Lab	74.4185, 18.3290, -14.6519

Details

The Yxy color $55.3811, 0.3080, 0.2754$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $72.3410, 0.3160, 0.3866$, and the grayscale version is $58.0145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2130, 0.3134, 0.3136$, and $27.3153, 0.3061, 0.2633$ is the 20% darker color. If you saturate the color by 10%, you get $45.9217, 0.3050, 0.2490$, and if you desaturate by 10%, it is $66.4397, 0.3105, 0.3014$.

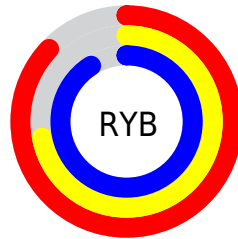
Distribution



Red (87%)

Green (72%)

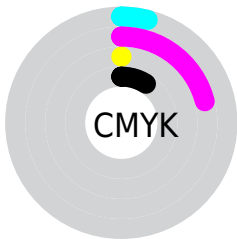
Blue (91%)



Red (87%)

Yellow (72%)

Blue (91%)

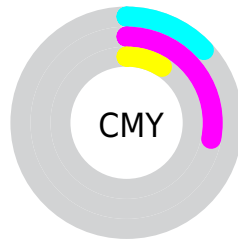


Cyan (4%)

Magenta (21%)

Yellow (0%)

Black (9%)



Cyan (13%)


Magenta (28%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3811, 0.3080, 0.2754 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 55.3811, 0.3080, 0.2754 by changing the saturation by 10% instead.


 55.3811, 0.3080,
0.2754

 55.3811, 0.3080,
0.2754


407.3549, 0.3107,
0.3003

 39.7069, 0.3073,
0.2697


 98.0991, 0.3090,
0.2841

 27.3101, 0.3063,
0.2626


125.9117, 0.3094,
0.2874

 17.8063, 0.3049,
0.2537


158.5393, 0.3097,
0.2903

 10.8110, 0.3029,
0.2420

196.3662, 0.3100,
0.2928

 5.9399, 0.2999,
0.2262

239.7768, 0.3102,
0.2951

 2.8086, 0.2947,
0.2036

289.1555, 0.3104,

 1.0326, 0.2848,

0.2970

0.1691

344.8868, 0.3106,
0.2988

0.0000, 0.2749,
0.0000

0.0000, 0.0000,
0.0000

55.3811, 0.3080,
0.2754

55.3811, 0.3080,
0.2754

45.9217, 0.3050,
0.2490

66.4397, 0.3105,
0.3014

37.9770, 0.3015,
0.2230

79.1624, 0.3125,
0.3263

31.4655, 0.2975,
0.1984

93.6192, 0.3141,
0.3497

26.2952, 0.2930,
0.1763

95.8783, 0.3166,
0.3519

■ 22.3632, 0.2883,
0.1578

■ 96.6315, 0.3193,
0.3517

■ 19.5516, 0.2834,
0.1435

■ 97.4023, 0.3220,
0.3515

■ 17.7192, 0.2785,
0.1338

■ 98.1908, 0.3248,
0.3513

■ 16.7074, 0.2742,
0.1284

■ 98.6067, 0.3262,
0.3512

Harmonies

Analogous

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



55.3811, 0.2717, 0.2654



55.3811, 0.3080, 0.2754



55.3811, 0.3478, 0.2975

Triad

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



55.3811, 0.3080, 0.2754



55.3811, 0.3807, 0.3862



55.3811, 0.2501, 0.3251

Complementary

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



55.3811, 0.3080, 0.2754



72.3410, 0.3160, 0.3866

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.



55.3811, 0.2765, 0.3633



55.3811, 0.3080, 0.2754



55.3811, 0.3518, 0.3995

Square

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



55.3811, 0.3080, 0.2754



55.3811, 0.3912, 0.3593



55.3811, 0.3135, 0.3917



55.3811, 0.2400, 0.2912

Rectangle

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



55.3811, 0.3080, 0.2754



55.3811, 0.3704, 0.3169



55.3811, 0.3135, 0.3917



55.3811, 0.2573, 0.3380

Sweetspot

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



55.3835, 0.3080, 0.2754



90.0957, 0.3116, 0.3142



53.5842, 0.2780, 0.2814



19.0634, 0.3114, 0.3126



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.



55.3835, 0.3080, 0.2754



63.7015, 0.3069, 0.2648



56.0053, 0.3273, 0.2925



14.4747, 0.3109, 0.3056



9.3254, 0.2750, 0.1289



0.7239, 0.2821, 0.1328

Inverse Universe

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



54.8270, 0.3476, 0.3190



62.9395, 0.3561, 0.3170



71.8863, 0.3006, 0.3686



14.4109, 0.3264, 0.3247



9.6325, 0.6113, 0.3141



0.7243, 0.5725, 0.2927

Previews

White Background



This preview shows how the Yxy color 55.3811, 0.3080, 0.2754 looks on a white background.

Color Contrast Check

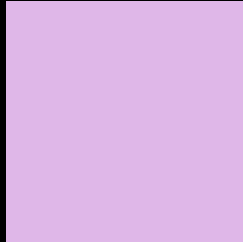
Large Text (above 18pt) WCAG AA × Fail

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 55.3811, 0.3080, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

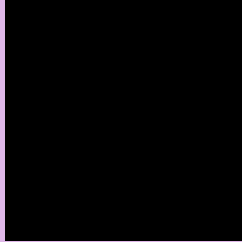
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.3811, 0.3080, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 55.3811, 0.3080, 0.2754.



This preview shows how white text looks on a background with the Yxy color 55.3811, 0.3080, 0.2754.

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

55.3811, 0.3080, 0.2754

Protanopia

55.7606, 0.2754, 0.2767

Deuteranopia

55.5546, 0.2909, 0.2851



Tritanopia

55.3383, 0.3267, 0.3119

Trichromacy



Original Color

55.3811, 0.3080, 0.2754

Protanomaly

55.5181, 0.2862, 0.2765

Deuteranomaly

55.5746, 0.2970, 0.2815

Tritanomaly

55.1885, 0.3191, 0.2974

Monochromacy



Original Color

55.3811, 0.3080, 0.2754

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

56.8923, 0.3113, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3811, 0.3080, 0.2754 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, 183, 232)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 232)  
}
```

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, 183, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 232) }
```

Border

The CSS property to change the border of an element to Yxy 55.3811, 0.3080, 0.2754 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, 183, 232) }
```

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

```
.border{ border-color:rgb(223, 183, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 183, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 183, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 183, 232); box-shadow:4px 4px 4px 4px rgb(223, 183, 232) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3811, 0.3080, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 232) }
```

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

```
.background{ background-color: rgb(223,  
183, 232) }
```

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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