

Converting Colors

Yxy(55.4858, 0.3135, 0.2869)

Have a look what the booklet for
Yxy(55.4858, 0.3135, 0.2869)
contains.

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Color

Yxy(55.3978, 0.3131, 0.2867)

Conversions

Conversions Part 1

Format	Color
Hex	DDB9DF
RGB	221, 185, 223
RGB Percent	87%, 73%, 87%
CMY	0.1332, 0.2746, 0.1254
CMYK	0.01, 0.17, 0.00, 0.13
HSL	297°, 37%, 80%
HSV	297°, 17%, 87%
XYZ	60.4990, 55.3978, 77.3289
YIQ	200.0960, 9.2580, 19.4500

Conversions

Conversions Part 2

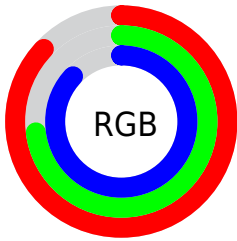
Format	Color
R _Y B	221, 185, 223
Decimal	14531039
CIE Lab	79.27, 19.46, -14.18
CIE LCh	79, 24.077, 323.915
Yxy	55.3978, 0.3131, 0.2867
Android (android.graphics.Color)	4292721119 (0xFFDDB9DF)
YUV	200.0960, 11.2917, 18.3328
Hunter-Lab	74.4297, 14.8388, -9.4987

Details

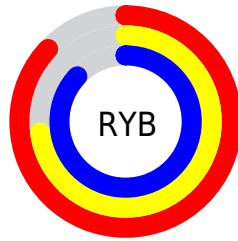
The Yxy color $55.3978, 0.3131, 0.2867$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $66.8475, 0.3119, 0.3748$, and the grayscale version is $57.7500, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $27.4367, 0.3130, 0.2766$ is the 20% darker color. If you saturate the color by 10%, you get $46.6094, 0.3131, 0.2614$, and if you desaturate by 10%, it is $65.6558, 0.3129, 0.3118$.

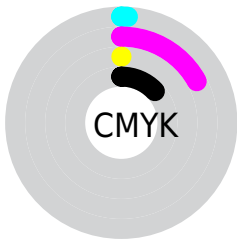
Distribution



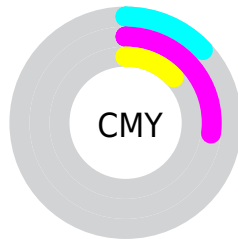
- Red (87%)
- Green (73%)
- Blue (87%)



- Red (87%)
- Yellow (73%)
- Blue (87%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.3978, 0.3131, 0.2867 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 55.3978, 0.3131, 0.2867 by changing the saturation by 10% instead.


 55.3978, 0.3131,
0.2867

 55.3978, 0.3131,
0.2867


407.4181, 0.3132,
0.3066

 39.7203, 0.3130,
0.2821


 98.1235, 0.3132,
0.2936

 27.3205, 0.3129,
0.2764

125.9406, 0.3132,
0.2963

 17.8141, 0.3126,
0.2691


158.5729, 0.3132,
0.2986

 10.8166, 0.3121,
0.2595

196.4050, 0.3132,
0.3006

 5.9437, 0.3113,
0.2463

239.8211, 0.3132,
0.3024

 2.8108, 0.3096,
0.2270

289.2058, 0.3132,

 1.0338, 0.3056,

0.3039

0.1964

344.9433, 0.3132,
0.3053

0.0000, 0.3059,
0.0000

0.0000, 0.0000,
0.0000

55.3978, 0.3131,
0.2867

55.3978, 0.3131,
0.2867

46.6094, 0.3131,
0.2614

65.6558, 0.3129,
0.3118

39.2153, 0.3130,
0.2366

77.4397, 0.3126,
0.3360

33.1444, 0.3127,
0.2133

90.8117, 0.3122,
0.3589

28.3166, 0.3122,
0.1925

92.9649, 0.3128,
0.3620

24.6431, 0.3114,
0.1751

93.1523, 0.3135,
0.3619

22.0233, 0.3105,
0.1618

93.3409, 0.3143,
0.3618

20.3392, 0.3094,
0.1528

93.5308, 0.3150,
0.3617

19.4370, 0.3082,
0.1480

93.7219, 0.3157,
0.3617

19.2438, 0.3078,
0.1469

93.9144, 0.3164,
0.3616

Harmonies

Analogous

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



55.3978, 0.2827, 0.2772



55.3978, 0.3131, 0.2867



55.3978, 0.3448, 0.3061

Triad

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



55.3978, 0.3131, 0.2867



55.3978, 0.3658, 0.3778



55.3978, 0.2599, 0.3225

Complementary

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



55.3978, 0.3131, 0.2867



66.8475, 0.3119, 0.3748

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.



55.3978, 0.2802, 0.3530



55.3978, 0.3131, 0.2867



55.3978, 0.3412, 0.3859

Square

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



55.3978, 0.3131, 0.2867



55.3978, 0.3761, 0.3574



55.3978, 0.3098, 0.3771



55.3978, 0.2532, 0.2960

Rectangle

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



55.3978, 0.3131, 0.2867



55.3978, 0.3620, 0.3226



55.3978, 0.3098, 0.3771



55.3978, 0.2653, 0.3327

Sweetspot

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



55.4002, 0.3131, 0.2867



92.0079, 0.3129, 0.3168



51.4037, 0.2850, 0.2861



19.4622, 0.3129, 0.3150



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.



55.4002, 0.3131, 0.2867



71.1673, 0.3131, 0.2789



54.8656, 0.3276, 0.3047



13.8975, 0.3130, 0.3058



11.3286, 0.3080, 0.1470



0.7965, 0.3101, 0.1482

Inverse Universe

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



53.9693, 0.3437, 0.3268



68.9334, 0.3506, 0.3264



67.3372, 0.3002, 0.3546



13.7120, 0.3284, 0.3278



9.2443, 0.6343, 0.3268



0.6449, 0.6179, 0.3178

Previews

White Background



This preview shows how the Yxy color 55.3978, 0.3131, 0.2867 looks on a white background.

Color Contrast Check

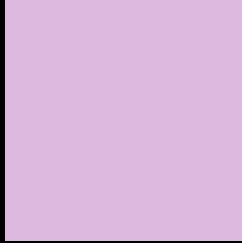
Large Text (above 18pt) WCAG AA × Fail

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 55.3978, 0.3131, 0.2867 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 55.3978, 0.3131, 0.2867

Background



This preview shows how black text looks on a background with the Yxy color 55.3978, 0.3131, 0.2867.



This preview shows how white text looks on a background with the Yxy color 55.3978, 0.3131, 0.2867.

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

55.3978, 0.3131, 0.2867

Protanopia

55.6905, 0.2845, 0.2879

Deuteranopia

55.3729, 0.3003, 0.2931



Tritanopia

55.1837, 0.3259, 0.3118

Trichromacy



Original Color

55.3978, 0.3131, 0.2867

Protanomaly

55.2252, 0.2945, 0.2874

Deuteranomaly

55.3708, 0.3049, 0.2913

Tritanomaly

55.2539, 0.3213, 0.3029

Monochromacy



Original Color

55.3978, 0.3131, 0.2867

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9942, 0.3134, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3978, 0.3131, 0.2867 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(221, 185, 223)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 223)  
}
```

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(221, 185, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 223) }
```

Border

The CSS property to change the border of an element to Yxy 55.3978, 0.3131, 0.2867 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(221, 185, 223) }
```

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

```
.border{ border-color:rgb(221, 185, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 223);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3978, 0.3131, 0.2867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 223) }
```

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

```
.background{ background-color: rgb(221,  
185, 223) }
```

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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