

Converting Colors

Yxy(53.6843, 0.3337, 0.3141)

Have a look what the booklet for
Yxy(53.6843, 0.3337, 0.3141)
contains.

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Color

Yxy(53.6843, 0.3337, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	DDB8C5
RGB	221, 184, 197
RGB Percent	87%, 72%, 77%
CMY	0.1334, 0.2784, 0.2273
CMYK	0.00, 0.17, 0.11, 0.13
HSL	339°, 35%, 79%
HSV	339°, 17%, 87%
XYZ	57.0342, 53.6843, 60.1961
YIQ	196.5450, 17.8790, 11.8870

Conversions

Conversions Part 2

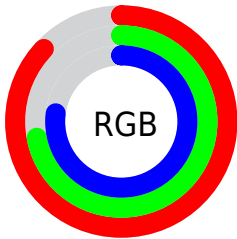
Format	Color
RYB	221, 184, 197
Decimal	14530757
CIELab	78.28, 15.36, -1.60
CIELCh	78, 15.447, 354.055
Yxy	53.6843, 0.3337, 0.3141
Android (android.graphics.Color)	4292720837 (0xFFDDB8C5)
YUV	196.5450, 0.2243, 21.4470
Hunter-Lab	73.2696, 10.7256, 2.5778

Details

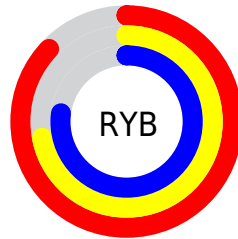
The Yxy color $53.6843, 0.3337, 0.3141$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $66.4440, 0.2955, 0.3444$, and the grayscale version is $55.5378, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.7359, 0.3140, 0.3156$, and $26.3228, 0.3401, 0.3109$ is the 20% darker color. If you saturate the color by 10%, you get $44.5857, 0.3500, 0.3046$, and if you desaturate by 10%, it is $64.2840, 0.3203, 0.3232$.

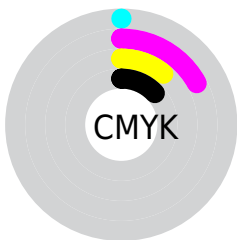
Distribution



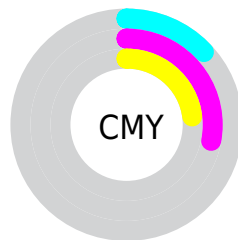
- Red (87%)
- Green (72%)
- Blue (77%)



- Red (87%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6843, 0.3337, 0.3141 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 53.6843, 0.3337, 0.3141 by changing the saturation by 10% instead.


 53.6843, 0.3337,
0.3141

 53.6843, 0.3337,
0.3141


400.9050, 0.3235,
0.3213

 38.3493, 0.3362,
0.3124


 95.6106, 0.3300,
0.3167

 26.2539, 0.3393,
0.3102

122.9706, 0.3287,
0.3177

 17.0137, 0.3434,
0.3073


155.1078, 0.3275,
0.3185

 10.2443, 0.3490,
0.3034

192.4066, 0.3265,
0.3192

 5.5612, 0.3571,
0.2978

235.2513, 0.3256,
0.3198

 2.5802, 0.3698,
0.2891

284.0263, 0.3248,

 0.9167, 0.3925,

0.3204

0.2738

339.1161, 0.3241,
0.3209

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6843, 0.3337,
0.3141

53.6843, 0.3337,
0.3141

44.5857, 0.3500,
0.3046

64.2840, 0.3203,
0.3232

36.9129, 0.3698,
0.2950

76.4413, 0.3094,
0.3317

30.5949, 0.3935,
0.2860

90.2187, 0.3004,
0.3396

25.5517, 0.4211,
0.2782

94.0628, 0.2927,
0.3297

■ 21.6948, 0.4523,
0.2729

■ 94.1084, 0.2923,
0.3289

■ 18.9241, 0.4858,
0.2713

■ 17.1230, 0.5194,
0.2744

■ 16.1423, 0.5503,
0.2826

■ 15.9159, 0.5598,
0.2857

Harmonies

Analogous

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



53.6843, 0.3133, 0.3010



53.6843, 0.3337, 0.3141



53.6843, 0.3486, 0.3311

Triad

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



53.6843, 0.3337, 0.3141



53.6843, 0.3315, 0.3655



53.6843, 0.2735, 0.3079

Complementary

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



53.6843, 0.3337, 0.3141



66.4440, 0.2955, 0.3444

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.



53.6843, 0.2780, 0.3252



53.6843, 0.3337, 0.3141



53.6843, 0.3111, 0.3595

Square

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



53.6843, 0.3337, 0.3141



53.6843, 0.3472, 0.3610



53.6843, 0.2916, 0.3444



53.6843, 0.2790, 0.2970

Rectangle

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



53.6843, 0.3337, 0.3141



53.6843, 0.3532, 0.3428



53.6843, 0.2916, 0.3444



53.6843, 0.2739, 0.3131

Sweetspot

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



53.6867, 0.3337, 0.3141



91.6126, 0.3183, 0.3247



52.8312, 0.3037, 0.2863



19.3661, 0.3191, 0.3241



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.



53.6867, 0.3337, 0.3141



69.7175, 0.3389, 0.3109



55.1990, 0.3436, 0.3348



13.1269, 0.3237, 0.3208



9.2675, 0.5557, 0.2835



0.6164, 0.5103, 0.2585

Inverse Universe

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



53.6867, 0.3337, 0.3141



69.7175, 0.3389, 0.3109



64.5470, 0.2873, 0.3231



13.1269, 0.3237, 0.3208



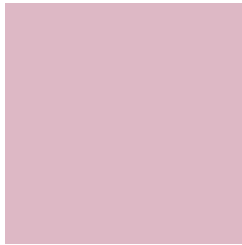
9.2675, 0.5557, 0.2835



0.6164, 0.5103, 0.2585

Previews

White Background



This preview shows how the Yxy color 53.6843, 0.3337, 0.3141 looks on a white background.

Color Contrast Check

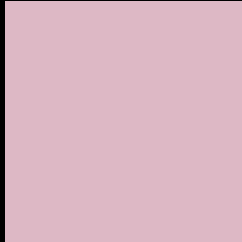
Large Text (above 18pt) WCAG AA × Fail

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 53.6843, 0.3337, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

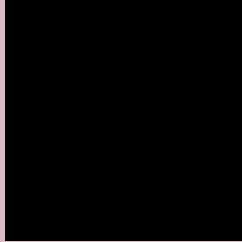
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6843, 0.3337, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 53.6843, 0.3337, 0.3141.



This preview shows how white text looks on a background with the Yxy color 53.6843, 0.3337, 0.3141.

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

53.6843, 0.3337, 0.3141

Protanopia

54.0063, 0.3077, 0.3181

Deuteranopia

53.8008, 0.3256, 0.3196



Tritanopia

53.7303, 0.3329, 0.3130

Trichromacy



Original Color

53.6843, 0.3337, 0.3141

Protanomaly

53.8344, 0.3165, 0.3171

Deuteranomaly

53.9732, 0.3291, 0.3185

Tritanomaly

53.7303, 0.3329, 0.3130

Monochromacy



Original Color

53.6843, 0.3337, 0.3141

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8523, 0.3203, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6843, 0.3337, 0.3141 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, 184, 197)` looks like.

```
.text, #text, p{  
    color:rgb(221, 184, 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(221, 184, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 184, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.6843, 0.3337, 0.3141 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, 184, 197) }
```

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

```
.border{ border-color:rgb(221, 184, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 184, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 184, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 184, 197);  
box-shadow:4px 4px 4px 4px rgb(221, 184,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6843, 0.3337, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 184, 197) }
```

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

```
.background{ background-color: rgb(221,  
184, 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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