

Converting Colors

Yxy(51.2374, 0.3357, 0.3142)

Have a look what the booklet for
Yxy(51.2374, 0.3357, 0.3142)
contains.

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Color

Yxy(51.3537, 0.3359, 0.3151)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DAB4C0 |
| RGB | 218, 180, 192 |
| RGB Percent | 85%, 71%, 75% |
| CMY | 0.1451, 0.2941, 0.2472 |
| CMYK | 0.00, 0.17, 0.12, 0.15 |
| HSL | 341°, 34%, 78% |
| HSV | 341°, 17%, 85% |
| XYZ | 54.7436, 51.3537, 56.8786 |
| YIQ | 192.7300, 18.7960, 11.7880 |

Conversions

Conversions Part 2

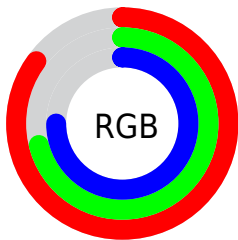
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 180, 192 |
| Decimal | 14333120 |
| CIE Lab | 76.89, 15.61, -0.91 |
| CIE LCh | 77, 15.635, 356.647 |
| Yxy | 51.3537, 0.3359, 0.3151 |
| Android (android.graphics.Color) | 4292523200 (0xFFDAB4C0) |
| YUV | 192.7300, -0.3599, 22.1618 |
| Hunter-Lab | 71.6615, 10.9520, 3.1039 |

Details

The Yxy color $51.3537, 0.3359, 0.3151$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $64.2992, 0.2939, 0.3434$, and the grayscale version is $53.1554, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.0282, 0.3179, 0.3174$, and $24.8294, 0.3421, 0.3105$ is the 20% darker color. If you saturate the color by 10%, you get $42.6064, 0.3534, 0.3066$, and if you desaturate by 10%, it is $61.5569, 0.3216, 0.3233$.

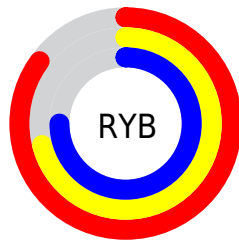
Distribution



Red (85%)

Green (71%)

Blue (75%)



Red (85%)

Yellow (71%)

Blue (75%)

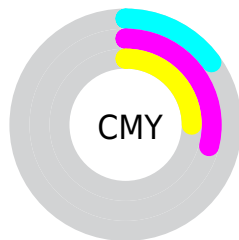


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (15%)



Cyan (15%)


Magenta (29%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3537, 0.3359, 0.3151 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 51.3537, 0.3359, 0.3151 by changing the saturation by 10% instead.


 51.3537, 0.3359,
0.3151

 51.3537, 0.3359,
0.3151

391.9364, 0.3245,
0.3219

 36.4902, 0.3387,
0.3134


 92.1774, 0.3318,
0.3175

 24.8130, 0.3422,
0.3113


118.9063, 0.3303,
0.3185

 15.9378, 0.3469,
0.3086


150.3592, 0.3289,
0.3193

 9.4801, 0.3533,
0.3048

186.9204, 0.3278,
0.3199

 5.0557, 0.3627,
0.2992

228.9744, 0.3268,
0.3205

 2.2800, 0.3777,
0.2905

276.9054, 0.3260,

 0.7631, 0.4064,

0.3211

0.2732

331.0980, 0.3252,
0.3215

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3537, 0.3359,
0.3151

51.3537, 0.3359,
0.3151

42.6064, 0.3534,
0.3066

61.5569, 0.3216,
0.3233

35.2415, 0.3747,
0.2980

73.2714, 0.3099,
0.3309

29.1897, 0.4002,
0.2900

86.5579, 0.3004,
0.3380

24.3727, 0.4300,
0.2833

93.4335, 0.2923,
0.3323

■ 20.7039, 0.4635,
0.2790

■ 93.6436, 0.2906,
0.3289

■ 18.0852, 0.4992,
0.2784

■ 16.4021, 0.5345,
0.2824

■ 15.5000, 0.5661,
0.2909

■ 15.3288, 0.5736,
0.2934

Harmonies

Analogous

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



51.3537, 0.3152, 0.3012



51.3537, 0.3359, 0.3151



51.3537, 0.3505, 0.3327

Triad

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



51.3537, 0.3359, 0.3151



51.3537, 0.3303, 0.3664



51.3537, 0.2725, 0.3060

Complementary

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



51.3537, 0.3359, 0.3151



64.2992, 0.2939, 0.3434

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.



51.3537, 0.2763, 0.3234



51.3537, 0.3359, 0.3151



51.3537, 0.3092, 0.3593

Square

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



51.3537, 0.3359, 0.3151



51.3537, 0.3471, 0.3626



51.3537, 0.2895, 0.3432



51.3537, 0.2790, 0.2956

Rectangle

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



51.3537, 0.3359, 0.3151



51.3537, 0.3546, 0.3446



51.3537, 0.2895, 0.3432



51.3537, 0.2726, 0.3112

Sweetspot

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



51.3560, 0.3359, 0.3151



91.5833, 0.3186, 0.3251



50.8257, 0.3049, 0.2847



19.3590, 0.3195, 0.3246



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.



51.3560, 0.3359, 0.3151



68.3217, 0.3421, 0.3119



53.7296, 0.3447, 0.3373



13.1187, 0.3242, 0.3217



9.2019, 0.5698, 0.2912



0.6115, 0.5232, 0.2656

Inverse Universe

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



51.3560, 0.3359, 0.3151



68.3217, 0.3421, 0.3119



61.3677, 0.2862, 0.3206



13.1187, 0.3242, 0.3217



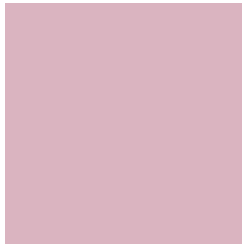
9.2019, 0.5698, 0.2912



0.6115, 0.5232, 0.2656

Previews

White Background



This preview shows how the Yxy color 51.3537, 0.3359, 0.3151 looks on a white background.

Color Contrast Check

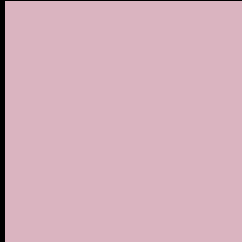
Large Text (above 18pt) WCAG AA × Fail

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 51.3537, 0.3359, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

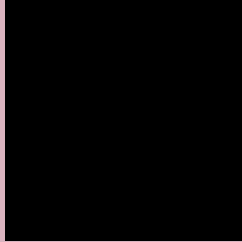
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3537, 0.3359, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 51.3537, 0.3359, 0.3151.



This preview shows how white text looks on a background with the Yxy color 51.3537, 0.3359, 0.3151.

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

51.3537, 0.3359, 0.3151

Protanopia

51.5028, 0.3083, 0.3191

Deuteranopia

51.4525, 0.3275, 0.3207



Tritanopia

51.4430, 0.3342, 0.3127

Trichromacy



Original Color

51.3537, 0.3359, 0.3151

Protanomaly

51.4754, 0.3182, 0.3181

Deuteranomaly

51.6256, 0.3311, 0.3196

Tritanomaly

51.3982, 0.3350, 0.3139

Monochromacy



Original Color

51.3537, 0.3359, 0.3151

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3733, 0.3205, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3537, 0.3359, 0.3151 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(218, 180, 192)` looks like.

```
.text, #text, p{  
    color:rgb(218, 180, 192)  
}
```

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(218, 180, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 180, 192) }
```

Border

The CSS property to change the border of an element to Yxy 51.3537, 0.3359, 0.3151 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(218, 180, 192) }
```

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

```
.border{ border-color:rgb(218, 180, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 180, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 180, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 180, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 180,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3537, 0.3359, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 180, 192) }
```

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

```
.background{ background-color: rgb(218,  
180, 192) }
```

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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