

Converting Colors

Yxy(51.3868, 0.3361, 0.3190)

Have a look what the booklet for
Yxy(51.3868, 0.3361, 0.3190)
contains.

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Color

Yxy(51.3644, 0.3357, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	D8B5BE
RGB	216, 181, 190
RGB Percent	85%, 71%, 75%
CMY	0.1529, 0.2902, 0.2550
CMYK	0.00, 0.16, 0.12, 0.15
HSL	345°, 31%, 78%
HSV	345°, 16%, 85%
XYZ	54.1382, 51.3644, 55.7671
YIQ	192.4910, 17.9710, 10.2190

Conversions

Conversions Part 2

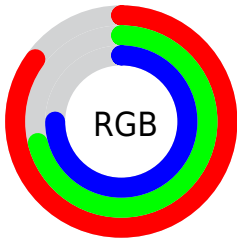
Format	Color
R _Y B	216, 181, 190
Decimal	14202302
CIE Lab	76.90, 14.04, 0.15
CIE LCh	77, 14.042, 0.624
Yxy	51.3644, 0.3357, 0.3185
Android (android.graphics.Color)	4292392382 (0xFFD8B5BE)
YUV	192.4910, -1.2281, 20.6174
Hunter-Lab	71.6690, 9.4170, 4.0335

Details

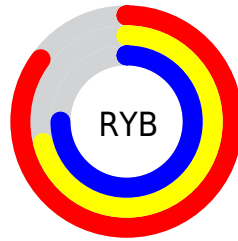
The Yxy color **51.3644, 0.3357, 0.3185** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.4487, 0.2939, 0.3398**, and the grayscale version is **53.0152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4822, 0.3191, 0.3203**, and **24.8216, 0.3418, 0.3150** is the 20% darker color. If you saturate the color by 10%, you get **42.5885, 0.3543, 0.3116**, and if you desaturate by 10%, it is **61.5842, 0.3206, 0.3251**.

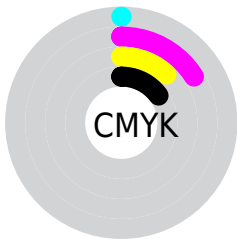
Distribution



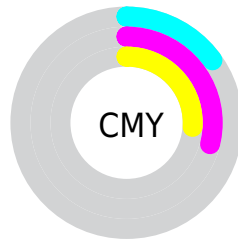
- Red (85%)
- Green (71%)
- Blue (75%)



- Red (85%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (16%)
- Yellow (12%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3644, 0.3357, 0.3185 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 51.3644, 0.3357, 0.3185 by changing the saturation by 10% instead.


 51.3644, 0.3357,
0.3185

 51.3644, 0.3357,
0.3185

391.9779, 0.3244,
0.3237

 36.4987, 0.3385,
0.3172


 92.1932, 0.3316,
0.3204

 24.8196, 0.3420,
0.3156


118.9251, 0.3301,
0.3211

 15.9427, 0.3467,
0.3135


150.3811, 0.3288,
0.3217

 9.4836, 0.3531,
0.3105

186.9458, 0.3277,
0.3222

 5.0579, 0.3625,
0.3062

229.0033, 0.3267,
0.3226

 2.2813, 0.3776,
0.2992

276.9383, 0.3258,

 0.7638, 0.4075,

0.3230

0.2856

331.1350, 0.3251,
0.3234

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3644, 0.3357,
0.3185

51.3644, 0.3357,
0.3185

42.5885, 0.3543,
0.3116

61.5842, 0.3206,
0.3251

35.1845, 0.3770,
0.3046

73.3019, 0.3084,
0.3313

29.0848, 0.4043,
0.2980

86.5772, 0.2984,
0.3370

24.2129, 0.4365,
0.2925

93.2908, 0.2898,
0.3297

■ 20.4845, 0.4729,
0.2892

■ 93.3409, 0.2894,
0.3289

■ 17.8047, 0.5117,
0.2890

■ 16.0630, 0.5496,
0.2929

■ 15.1212, 0.5824,
0.3009

■ 14.8808, 0.5933,
0.3042

Harmonies

Analogous

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



51.3644, 0.3176, 0.3053



51.3644, 0.3357, 0.3185



51.3644, 0.3477, 0.3346

Triad

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



51.3644, 0.3357, 0.3185



51.3644, 0.3261, 0.3622



51.3644, 0.2768, 0.3067

Complementary

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



51.3644, 0.3357, 0.3185



63.4487, 0.2939, 0.3398

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.



51.3644, 0.2789, 0.3217



51.3644, 0.3357, 0.3185



51.3644, 0.3071, 0.3546

Square

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



51.3644, 0.3357, 0.3185



51.3644, 0.3420, 0.3602



51.3644, 0.2899, 0.3395



51.3644, 0.2838, 0.2983

Rectangle

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



51.3644, 0.3357, 0.3185



51.3644, 0.3504, 0.3451



51.3644, 0.2899, 0.3395



51.3644, 0.2764, 0.3111

Sweetspot

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



51.3667, 0.3357, 0.3185



91.5377, 0.3191, 0.3259



51.2262, 0.3069, 0.2882



19.3479, 0.3200, 0.3254



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.



51.3667, 0.3357, 0.3185



70.7814, 0.3408, 0.3165



54.4062, 0.3418, 0.3387



12.4726, 0.3251, 0.3230



8.8217, 0.5896, 0.3021



0.5456, 0.5396, 0.2746

Inverse Universe

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



51.3667, 0.3357, 0.3185



70.7814, 0.3408, 0.3165



59.8181, 0.2879, 0.3191



12.4726, 0.3251, 0.3230



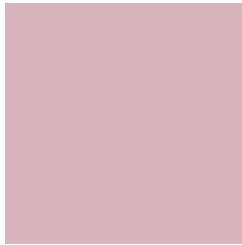
8.8217, 0.5896, 0.3021



0.5456, 0.5396, 0.2746

Previews

White Background



This preview shows how the Yxy color 51.3644, 0.3357, 0.3185 looks on a white background.

Color Contrast Check

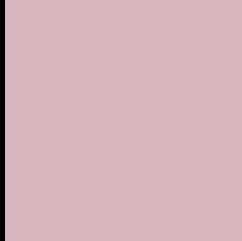
Large Text (above 18pt) WCAG AA × Fail

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 51.3644, 0.3357, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

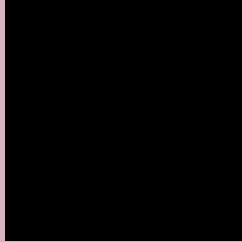
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3644, 0.3357, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 51.3644, 0.3357, 0.3185.



This preview shows how white text looks on a background with the Yxy color 51.3644, 0.3357, 0.3185.

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

51.3644, 0.3357, 0.3185

Protanopia

51.5418, 0.3106, 0.3216

Deuteranopia

51.3650, 0.3292, 0.3230



Tritanopia

51.2893, 0.3333, 0.3127

Trichromacy



Original Color

51.3644, 0.3357, 0.3185

Protanomaly

51.3856, 0.3198, 0.3205

Deuteranomaly

51.3900, 0.3319, 0.3219

Tritanomaly

51.2445, 0.3342, 0.3139

Monochromacy



Original Color

51.3644, 0.3357, 0.3185

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1455, 0.3212, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3644, 0.3357, 0.3185 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(216, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(216, 181, 190)  
}
```

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(216, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 181, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.3644, 0.3357, 0.3185 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(216, 181, 190) }
```

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

```
.border{ border-color:rgb(216, 181, 190) }
```

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

Here you see how a box with a 4 pixel rgb(216, 181, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(216, 181,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3644, 0.3357, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 181, 190) }
```

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

```
.background{ background-color: rgb(216,  
181, 190) }
```

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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