

Converting Colors

$Yxy(54.1406, 0.3735, 0.3822)$

Have a look what the booklet for
Yxy(54.1406, 0.3735, 0.3822)
contains.

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Color

Yxy(53.9313, 0.3738, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	DBBE91
RGB	219, 190, 145
RGB Percent	86%, 75%, 57%
CMY	0.1412, 0.2548, 0.4315
CMYK	0.00, 0.13, 0.34, 0.14
HSL	37°, 51%, 71%
HSV	37°, 34%, 86%
XYZ	52.7322, 53.9313, 34.4071
YIQ	193.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

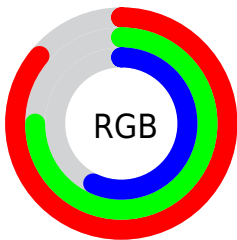
Format	Color
R _Y B	193, 219, 145
Decimal	14401169
CIE Lab	78.42, 3.86, 26.57
CIE LCh	78, 26.849, 81.736
Yxy	53.9313, 0.3738, 0.3823
Android (android.graphics.Color)	4292591249 (0xFFDBBE91)
YUV	193.5410, -23.9307, 22.3275
Hunter-Lab	73.4379, -0.3442, 23.6280

Details

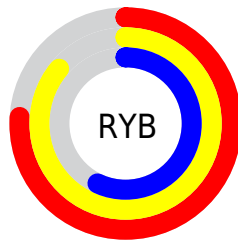
The Yxy color **53.9313, 0.3738, 0.3823** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.3811, 0.2572, 0.2689**, and the grayscale version is **53.7925, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2951, 0.3478, 0.3757**, and **26.4860, 0.3898, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **49.7172, 0.3956, 0.3981**, and if you desaturate by 10%, it is **58.4990, 0.3535, 0.3661**.

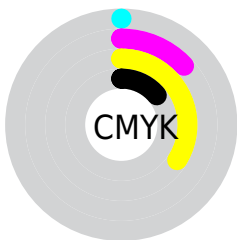
Distribution



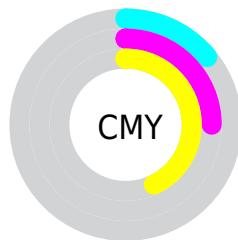
- Red (86%)
- Green (75%)
- Blue (57%)



- Red (76%)
- Yellow (86%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9313, 0.3738, 0.3823 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 53.9313, 0.3738, 0.3823 by changing the saturation by 10% instead.


 53.9313, 0.3738,
0.3823


 53.9313, 0.3738,
0.3823


401.8480, 0.3441,
0.3568

 38.5467, 0.3809,
0.3882


 95.9734, 0.3633,
0.3734

 26.4073, 0.3897,
0.3956


 123.3997, 0.3592,
0.3699

 17.1286, 0.4011,
0.4048


155.6087, 0.3558,
0.3669

 10.3262, 0.4160,
0.4168

192.9848, 0.3528,
0.3644

 5.6158, 0.4364,
0.4325

235.9123, 0.3502,
0.3621

 2.6129, 0.4741,
0.4618

284.7758, 0.3479,

 0.9331, 0.5143,

0.3602

0.4857

339.9596, 0.3459,
0.3584

0.0000, 0.0000,
0.0000

53.9313, 0.3738,
0.3823

53.9313, 0.3738,
0.3823

49.7172, 0.3956,
0.3981

58.4990, 0.3535,
0.3661

45.8379, 0.4185,
0.4127

63.4233, 0.3351,
0.3500

42.2840, 0.4416,
0.4248

68.7168, 0.3185,
0.3346

39.0421, 0.4639,
0.4333

74.3888, 0.3038,
0.3201

36.0975, 0.4842,
0.4372

80.4484, 0.2907,
0.3066

■ 33.4329, 0.5013,
0.4358

■ 85.4510, 0.2907,
0.3150

■ 31.9056, 0.5105,
0.4328

■ 90.6582, 0.2910,
0.3239

■ 93.7975, 0.2911,
0.3289

Harmonies

Analogous

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



53.9313, 0.3841, 0.3584



53.9313, 0.3738, 0.3823



53.9313, 0.3469, 0.3931

Triad

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



53.9313, 0.3738, 0.3823



53.9313, 0.2547, 0.3239



53.9313, 0.3103, 0.2806

Complementary

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



53.9313, 0.3738, 0.3823



41.3811, 0.2572, 0.2689

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.



53.9313, 0.2768, 0.2709



53.9313, 0.3738, 0.3823



53.9313, 0.2461, 0.2935

Square

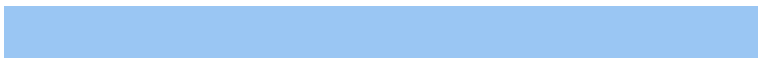
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.9313, 0.3738, 0.3823



53.9313, 0.2783, 0.3585



53.9313, 0.2539, 0.2749



53.9313, 0.3464, 0.3015

Rectangle

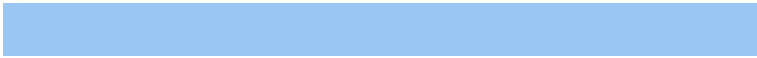
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.9313, 0.3738, 0.3823



53.9313, 0.3239, 0.3899



53.9313, 0.2539, 0.2749



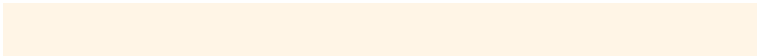
53.9313, 0.2984, 0.2760

Sweetspot

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



53.9338, 0.3738, 0.3823



92.2611, 0.3287, 0.3442



38.3787, 0.3599, 0.2937



19.5241, 0.3311, 0.3464



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.



53.9338, 0.3738, 0.3823



71.6081, 0.3902, 0.3943



66.6329, 0.3576, 0.4146



14.3637, 0.3276, 0.3432



19.1405, 0.5088, 0.4342



1.4059, 0.4904, 0.4488

Inverse Universe

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



41.3811, 0.2572, 0.2689



51.1718, 0.2441, 0.2527



32.0679, 0.2579, 0.2302



13.4490, 0.2981, 0.3144



7.1517, 0.1680, 0.1246



0.6280, 0.1770, 0.1573

Previews

White Background



This preview shows how the Yxy color 53.9313, 0.3738, 0.3823 looks on a white background.

Color Contrast Check

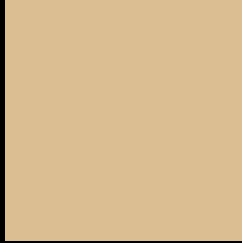
Large Text (above 18pt) WCAG AA × Fail

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 53.9313, 0.3738, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

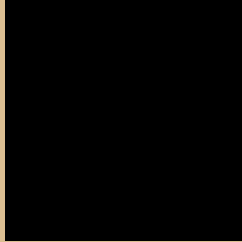
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9313, 0.3738, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 53.9313, 0.3738, 0.3823.



This preview shows how white text looks on a background with the Yxy color 53.9313, 0.3738, 0.3823.

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

53.9313, 0.3738, 0.3823

Protanopia

54.1001, 0.3611, 0.3863

Deuteranopia

53.8511, 0.3834, 0.3750



Tritanopia

53.9057, 0.3373, 0.3132

Trichromacy



Original Color

53.9313, 0.3738, 0.3823

Protanomaly

54.2123, 0.3657, 0.3857

Deuteranomaly

53.6235, 0.3795, 0.3768

Tritanomaly

54.0201, 0.3510, 0.3384

Monochromacy



Original Color

53.9313, 0.3738, 0.3823

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.9710, 0.3340, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9313, 0.3738, 0.3823 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(219, 190, 145)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 145)  
}
```

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(219, 190, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 145) }
```

Border

The CSS property to change the border of an element to Yxy 53.9313, 0.3738, 0.3823 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(219, 190, 145) }
```

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

```
.border{ border-color:rgb(219, 190, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 190, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 190, 145);  
box-shadow:4px 4px 4px 4px rgb(219, 190,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9313, 0.3738, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 145) }
```

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

```
.background{ background-color: rgb(219,  
190, 145) }
```

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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