

Converting Colors

Yxy(53.1347, 0.3887, 0.3956)

Have a look what the booklet for
Yxy(53.1347, 0.3887, 0.3956)
contains.

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Color

Yxy(53.1347, 0.3887, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	DEBC83
RGB	222, 188, 131
RGB Percent	87%, 74%, 51%
CMY	0.1293, 0.2627, 0.4863
CMYK	0.00, 0.15, 0.41, 0.13
HSL	38°, 58%, 69%
HSV	38°, 41%, 87%
XYZ	52.2079, 53.1347, 28.9716
YIQ	191.6680, 38.5610, -10.5190

Conversions

Conversions Part 2

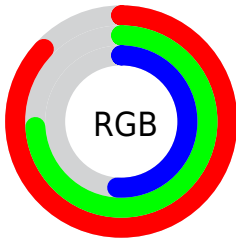
Format	Color
R_{YB}	185, 222, 131
Decimal	14597251
CIE _{Lab}	77.95, 4.51, 33.35
CIE _{LCh}	78, 33.656, 82.304
Yxy	53.1347, 0.3887, 0.3956
Android (android.graphics.Color)	4292787331 (0xFFDEBC83)
YUV	191.6680, -29.9093, 26.6012
Hunter-Lab	72.8936, 0.2818, 27.4607

Details

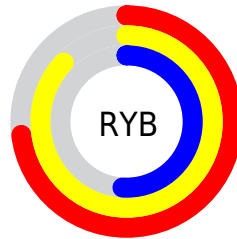
The Yxy color $53.1347, 0.3887, 0.3956$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $37.0122, 0.2443, 0.2511$, and the grayscale version is $52.6710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.4641, 0.3570, 0.3879$, and $25.9214, 0.4073, 0.4113$ is the 20% darker color. If you saturate the color by 10%, you get $49.1545, 0.4109, 0.4110$, and if you desaturate by 10%, it is $57.4527, 0.3676, 0.3792$.

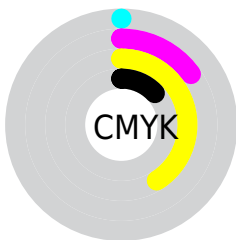
Distribution



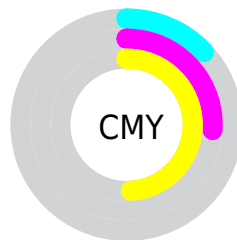
- Red (87%)
- Green (74%)
- Blue (51%)



- Red (73%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (13%)





- Cyan (13%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1347, 0.3887, 0.3956 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 53.1347, 0.3887, 0.3956 by changing the saturation by 10% instead.


 53.1347, 0.3887,
0.3956

 53.1347, 0.3887,
0.3956


398.8017, 0.3519,
0.3640


 37.9103, 0.3973,
0.4028


 94.8025, 0.3757,
0.3846

 25.9131, 0.4080,
0.4116


 122.0148, 0.3707,
0.3803

 16.7586, 0.4215,
0.4224


 153.9918, 0.3665,
0.3767

 10.0626, 0.4388,
0.4359

191.1179, 0.3628,
0.3735

 5.4405, 0.4613,
0.4523

233.7776, 0.3595,
0.3707

 2.5079, 0.5100,
0.4900

282.3552, 0.3567,

 0.8806, 0.5193,

0.3682

0.4807

337.2351, 0.3542,
0.3660

0.0000, 0.0000,
0.0000

53.1347, 0.3887,
0.3956

53.1347, 0.3887,
0.3956

49.1545, 0.4109,
0.4110

57.4527, 0.3676,
0.3792

45.4930, 0.4334,
0.4243

62.1119, 0.3481,
0.3625

42.1398, 0.4553,
0.4343


67.1250, 0.3302,
0.3461


39.0807, 0.4754,
0.4399


72.5017, 0.3142,
0.3305

36.2994, 0.4927,
0.4403

78.2512, 0.2999,
0.3158

 34.0116, 0.5056,
0.4368

 83.7756, 0.2924,
0.3113

 88.7133, 0.2927,
0.3199

 93.8764, 0.2929,
0.3283

 94.2728, 0.2929,
0.3289

Harmonies

Analogous

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



53.1347, 0.4028, 0.3652



53.1347, 0.3887, 0.3956



53.1347, 0.3542, 0.4103

Triad

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



53.1347, 0.3887, 0.3956



53.1347, 0.2400, 0.3210



53.1347, 0.3102, 0.2696

Complementary

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



53.1347, 0.3887, 0.3956



37.0122, 0.2443, 0.2511

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.



53.1347, 0.2683, 0.2572



53.1347, 0.3887, 0.3956



53.1347, 0.2301, 0.2831

Square

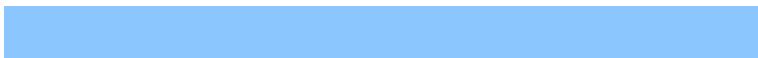
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1347, 0.3887, 0.3956



53.1347, 0.2685, 0.3656



53.1347, 0.2401, 0.2612



53.1347, 0.3558, 0.2952

Rectangle

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



53.1347, 0.3887, 0.3956



53.1347, 0.3251, 0.4065



53.1347, 0.2401, 0.2612



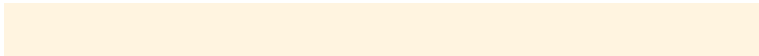
53.1347, 0.2952, 0.2638

Sweetspot

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



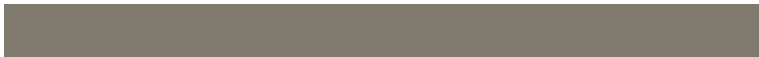
53.1372, 0.3887, 0.3956



91.1029, 0.3321, 0.3479



34.5106, 0.3762, 0.2878



19.3019, 0.3344, 0.3500



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.



53.1372, 0.3887, 0.3956



68.1331, 0.4072, 0.4086



67.7996, 0.3654, 0.4331



15.1236, 0.3276, 0.3437



20.4181, 0.5040, 0.4381



1.5854, 0.4875, 0.4511

Inverse Universe

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



37.0122, 0.2443, 0.2511



43.3139, 0.2297, 0.2317



27.2200, 0.2449, 0.2058



14.0783, 0.2981, 0.3139



7.0006, 0.1665, 0.1194



0.6532, 0.1751, 0.1503

Previews

White Background



This preview shows how the Yxy color 53.1347, 0.3887, 0.3956 looks on a white background.

Color Contrast Check

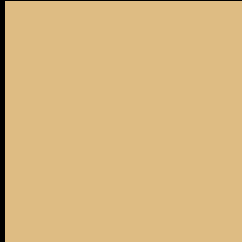
Large Text (above 18pt) WCAG AA × Fail

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 53.1347, 0.3887, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

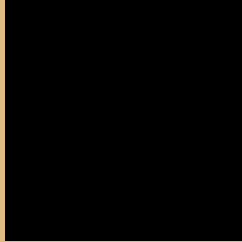
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1347, 0.3887, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 53.1347, 0.3887, 0.3956.



This preview shows how white text looks on a background with the Yxy color 53.1347, 0.3887, 0.3956.

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

53.1347, 0.3887, 0.3956

Protanopia

53.3887, 0.3733, 0.4018

Deuteranopia

53.3528, 0.3974, 0.3892



Tritanopia

53.0315, 0.3429, 0.3132

Trichromacy



Original Color

53.1347, 0.3887, 0.3956

Protanomaly

53.2237, 0.3794, 0.3996

Deuteranomaly

53.2777, 0.3942, 0.3909

Tritanomaly

52.9760, 0.3603, 0.3430

Monochromacy



Original Color

53.1347, 0.3887, 0.3956

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8604, 0.3391, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1347, 0.3887, 0.3956 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(222, 188, 131)` looks like.

```
.text, #text, p{  
    color:rgb(222, 188, 131)  
}
```

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(222, 188, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 188, 131) }
```

Border

The CSS property to change the border of an element to Yxy 53.1347, 0.3887, 0.3956 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(222, 188, 131) }
```

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

```
.border{ border-color:rgb(222, 188, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 188, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 188, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 188, 131);  
box-shadow:4px 4px 4px 4px rgb(222, 188,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1347, 0.3887, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 188, 131) }
```

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

```
.background{ background-color: rgb(222,  
188, 131) }
```

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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