

Converting Colors

Yxy(53.4736, 0.3840, 0.3984)

Have a look what the booklet for
Yxy(53.4736, 0.3840, 0.3984)
contains.

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Color

Yxy(53.3710, 0.3842, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	DABE83
RGB	218, 190, 131
RGB Percent	85%, 75%, 51%
CMY	0.1450, 0.2549, 0.4863
CMYK	0.00, 0.13, 0.40, 0.14
HSL	41°, 54%, 68%
HSV	41°, 40%, 86%
XYZ	51.4300, 53.3710, 29.0616
YIQ	191.6460, 35.6270, -12.4130

Conversions

Conversions Part 2

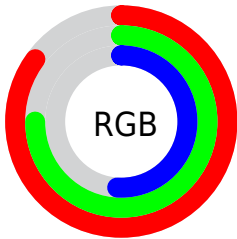
Format	Color
RYB	172, 218, 131
Decimal	14335619
CIELab	78.09, 1.86, 33.46
CIElCh	78, 33.512, 86.812
Yxy	53.3710, 0.3842, 0.3987
Android (android.graphics.Color)	4292525699 (0xFFDABE83)
YUV	191.6460, -29.8985, 23.1125
Hunter-Lab	73.0555, -2.1856, 27.5532

Details

The Yxy color **53.3710, 0.3842, 0.3987** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.6954, 0.2453, 0.2472**, and the grayscale version is **52.6598, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6743, 0.3565, 0.3897**, and **26.1668, 0.4021, 0.4154** is the 20% darker color. If you saturate the color by 10%, you get **49.8738, 0.4049, 0.4153**, and if you desaturate by 10%, it is **57.1441, 0.3642, 0.3810**.

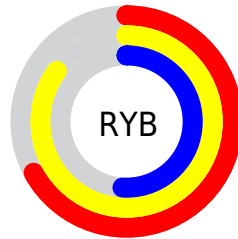
Distribution



Red (85%)

Green (75%)

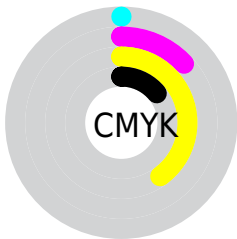
Blue (51%)



Red (67%)

Yellow (85%)

Blue (51%)

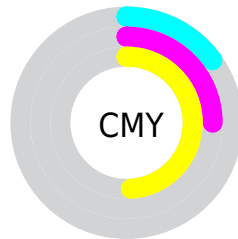


Cyan (0%)

Magenta (13%)

Yellow (40%)

Black (14%)



Cyan (15%)


Magenta (25%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3710, 0.3842, 0.3987 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 53.3710, 0.3842, 0.3987 by changing the saturation by 10% instead.


 53.3710, 0.3842,
0.3987

 53.3710, 0.3842,
0.3987


399.7069, 0.3498,
0.3654


 38.0990, 0.3922,
0.4064

 95.1501, 0.3721,
0.3870

 26.0596, 0.4022,
0.4158


 122.4259, 0.3674,
0.3825

 16.8682, 0.4147,
0.4276


 154.4719, 0.3634,
0.3787

 10.1406, 0.4306,
0.4424

191.6724, 0.3599,
0.3753

 5.4923, 0.4511,
0.4609

234.4117, 0.3569,
0.3724

 2.5389, 0.4968,
0.5032

283.0743, 0.3542,

 0.8960, 0.5006,

0.3698

0.4994

338.0445, 0.3519,
0.3675

0.0000, 0.0000,
0.0000

53.3710, 0.3842,
0.3987

53.3710, 0.3842,
0.3987

49.8738, 0.4049,
0.4153

57.1441, 0.3642,
0.3810

46.6353, 0.4257,
0.4299

61.1950, 0.3455,
0.3631

43.6470, 0.4455,
0.4413

65.5346, 0.3283,
0.3456


40.8968, 0.4636,
0.4484


70.1711, 0.3126,
0.3289

38.3707, 0.4788,
0.4506


75.1122, 0.2985,
0.3131

 36.0454, 0.4911,
0.4482

 79.9185, 0.2898,
0.3052

 36.0271, 0.4912,
0.4482

 83.9548, 0.2900,
0.3126

 88.1509, 0.2903,
0.3199

 92.5087, 0.2905,
0.3271

Harmonies

Analogous

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



53.3710, 0.4018, 0.3702



53.3710, 0.3842, 0.3987



53.3710, 0.3477, 0.4100

Triad

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



53.3710, 0.3842, 0.3987



53.3710, 0.2377, 0.3147



53.3710, 0.3171, 0.2730

Complementary

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



53.3710, 0.3842, 0.3987



34.6954, 0.2453, 0.2472

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.



53.3710, 0.2741, 0.2584



53.3710, 0.3842, 0.3987



53.3710, 0.2308, 0.2790

Square

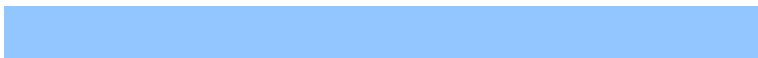
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.3710, 0.3842, 0.3987



53.3710, 0.2635, 0.3590



53.3710, 0.2436, 0.2598



53.3710, 0.3618, 0.3001

Rectangle

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



53.3710, 0.3842, 0.3987



53.3710, 0.3183, 0.4035



53.3710, 0.2436, 0.2598



53.3710, 0.3019, 0.2665

Sweetspot

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



53.3735, 0.3842, 0.3987



92.0551, 0.3319, 0.3494



33.6799, 0.3788, 0.2940



19.5265, 0.3341, 0.3517



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.



53.3735, 0.3842, 0.3987



71.8358, 0.4018, 0.4130



64.5673, 0.3606, 0.4316



14.5198, 0.3275, 0.3448



21.7800, 0.4898, 0.4493



1.5645, 0.4755, 0.4606

Inverse Universe

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



34.6954, 0.2453, 0.2472



41.6893, 0.2299, 0.2259



27.3604, 0.2507, 0.2108



13.2986, 0.2981, 0.3127



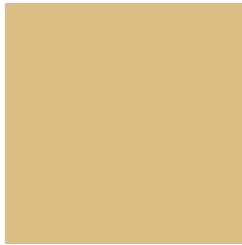
5.8469, 0.1628, 0.1059



0.5321, 0.1719, 0.1388

Previews

White Background



This preview shows how the Yxy color 53.3710, 0.3842, 0.3987 looks on a white background.

Color Contrast Check

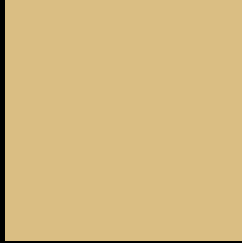
Large Text (above 18pt) WCAG AA × Fail

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 53.3710, 0.3842, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

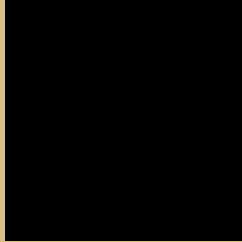
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3710, 0.3842, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 53.3710, 0.3842, 0.3987.



This preview shows how white text looks on a background with the Yxy color 53.3710, 0.3842, 0.3987.

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

53.3710, 0.3842, 0.3987

Protanopia

53.3612, 0.3741, 0.4030

Deuteranopia

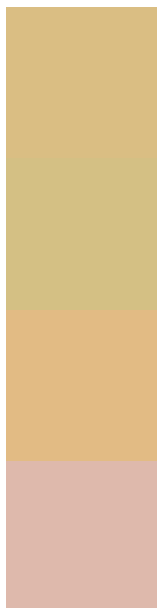
53.3528, 0.3974, 0.3892



Tritanopia

53.4490, 0.3383, 0.3131

Trichromacy



Original Color

53.3710, 0.3842, 0.3987

Protanomaly

53.3623, 0.3771, 0.4012

Deuteranomaly

53.3753, 0.3919, 0.3925

Tritanomaly

53.2061, 0.3554, 0.3443

Monochromacy



Original Color

53.3710, 0.3842, 0.3987

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5814, 0.3374, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3710, 0.3842, 0.3987 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, 190, 131)` looks like.

```
.text, #text, p{  
    color:rgb(218, 190, 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(218, 190, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 190, 131) }
```

Border

The CSS property to change the border of an element to Yxy 53.3710, 0.3842, 0.3987 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, 190, 131) }
```

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

```
.border{ border-color:rgb(218, 190, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 190, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 190, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 190, 131);  
box-shadow:4px 4px 4px 4px rgb(218, 190,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3710, 0.3842, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 190, 131) }
```

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

```
.background{ background-color: rgb(218,  
190, 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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