

Converting Colors

Yxy(53.4387, 0.4007, 0.3923)

Have a look what the booklet for
Yxy(53.4387, 0.4007, 0.3923)
contains.

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Color

Yxy(53.4387, 0.4007, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	E8B981
RGB	232, 185, 129
RGB Percent	91%, 73%, 51%
CMY	0.0903, 0.2744, 0.4942
CMYK	0.00, 0.20, 0.44, 0.09
HSL	33°, 69%, 71%
HSV	33°, 44%, 91%
XYZ	54.5829, 53.4387, 28.1973
YIQ	192.6690, 45.9880, -7.4520

Conversions

Conversions Part 2

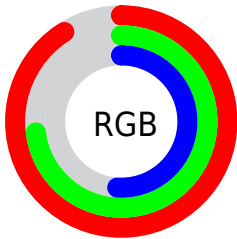
Format	Color
R_{YB}	215, 232, 129
Decimal	15251841
CIE _{Lab}	78.13, 9.85, 34.82
CIE _{LCh}	78, 36.185, 74.198
Yxy	53.4387, 0.4007, 0.3923
Android (android.graphics.Color)	4293441921 (0xFFE8B981)
YUV	192.6690, -31.3888, 34.4933
Hunter-Lab	73.1018, 5.3526, 28.3015

Details

The Yxy color **53.4387, 0.4007, 0.3923** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5146, 0.2401, 0.2548**, and the grayscale version is **53.2907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5480, 0.3597, 0.3881**, and **26.0657, 0.4225, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **48.6307, 0.4257, 0.4053**, and if you desaturate by 10%, it is **58.7210, 0.3772, 0.3780**.

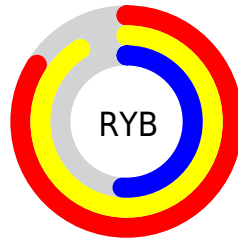
Distribution



Red (91%)

Green (73%)

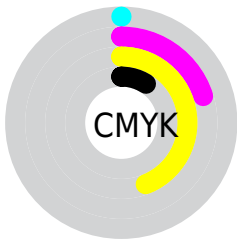
Blue (51%)



Red (84%)

Yellow (91%)

Blue (51%)

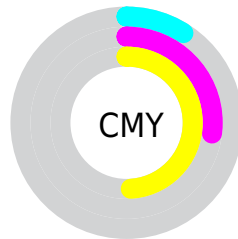


Cyan (0%)

Magenta (20%)

Yellow (44%)

Black (9%)



Cyan (9%)


Magenta (27%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.4387, 0.4007, 0.3923 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 53.4387, 0.4007, 0.3923 by changing the saturation by 10% instead.


 53.4387, 0.4007,
0.3923

 53.4387, 0.4007,
0.3923


399.9660, 0.3580,
0.3630


 38.1531, 0.4107,
0.3987


 95.2496, 0.3856,
0.3823

 26.1015, 0.4231,
0.4064


 122.5437, 0.3798,
0.3783

 16.8996, 0.4388,
0.4156


 154.6094, 0.3749,
0.3749

 10.1629, 0.4590,
0.4266

191.8311, 0.3706,
0.3719

 5.5071, 0.4851,
0.4386

234.5932, 0.3669,
0.3693

 2.5478, 0.5359,
0.4641

283.2801, 0.3636,

 0.9005, 0.5550,

0.3670

0.4450

338.2763, 0.3606,
0.3649

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.4387, 0.4007,
0.3923

53.4387, 0.4007,
0.3923

48.6307, 0.4257,
0.4053

58.7210, 0.3772,
0.3780

44.2726, 0.4515,
0.4159

64.4855, 0.3558,
0.3633


40.3489, 0.4768,
0.4228


70.7496, 0.3366,
0.3488


36.8394, 0.5001,
0.4248

77.5270, 0.3196,
0.3349

 33.7207, 0.5200,
0.4214

 84.8310, 0.3046,
0.3218

 32.1291, 0.5297,
0.4176

 91.7976, 0.2987,
0.3225

 95.8918, 0.2987,
0.3290

Harmonies

Analogous

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



53.4387, 0.4087, 0.3571



53.4387, 0.4007, 0.3923



53.4387, 0.3685, 0.4143

Triad

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



53.4387, 0.4007, 0.3923



53.4387, 0.2414, 0.3331



53.4387, 0.2968, 0.2606

Complementary

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



53.4387, 0.4007, 0.3923



41.5146, 0.2401, 0.2548

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.



53.4387, 0.2553, 0.2517



53.4387, 0.4007, 0.3923



53.4387, 0.2254, 0.2891

Square

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



53.4387, 0.4007, 0.3923



53.4387, 0.2763, 0.3804



53.4387, 0.2303, 0.2609



53.4387, 0.3460, 0.2844

Rectangle

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



53.4387, 0.4007, 0.3923



53.4387, 0.3387, 0.4157



53.4387, 0.2303, 0.2609



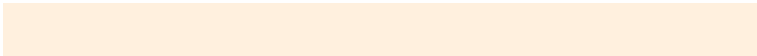
53.4387, 0.2815, 0.2558

Sweetspot

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



53.4412, 0.4007, 0.3923



88.7794, 0.3342, 0.3469



36.0217, 0.3743, 0.2748



18.6181, 0.3382, 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.



53.4412, 0.4007, 0.3923



60.9226, 0.4229, 0.4039



75.8669, 0.3760, 0.4390



15.6610, 0.3279, 0.3418



18.0960, 0.5275, 0.4194



1.5225, 0.5074, 0.4353

Inverse Universe

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



41.5146, 0.2401, 0.2548



44.4397, 0.2258, 0.2367



26.4572, 0.2315, 0.1915



14.9642, 0.2981, 0.3159



9.1758, 0.1733, 0.1438



0.8618, 0.1810, 0.1716

Previews

White Background



This preview shows how the Yxy color 53.4387, 0.4007, 0.3923 looks on a white background.

Color Contrast Check

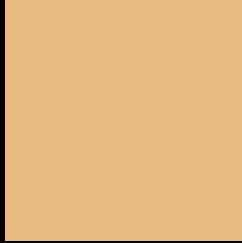
Large Text (above 18pt) WCAG AA × Fail

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 53.4387, 0.4007, 0.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

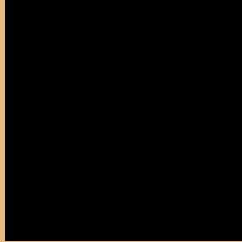
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4387, 0.4007, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 53.4387, 0.4007, 0.3923.



This preview shows how white text looks on a background with the Yxy color 53.4387, 0.4007, 0.3923.

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

53.4387, 0.4007, 0.3923

Protanopia

53.3612, 0.3741, 0.4030

Deuteranopia

53.4387, 0.4007, 0.3923



Tritanopia

53.3830, 0.3548, 0.3137

Trichromacy



Original Color

53.4387, 0.4007, 0.3923

Protanomaly

53.2173, 0.3833, 0.3990

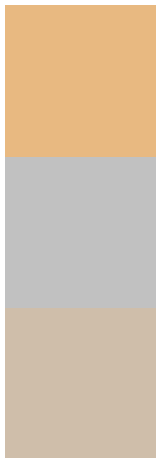
Deuteranomaly

53.4387, 0.4007, 0.3923

Tritanomaly

53.3025, 0.3727, 0.3426

Monochromacy



Original Color

53.4387, 0.4007, 0.3923

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.9946, 0.3428, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4387, 0.4007, 0.3923 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(232, 185, 129)` looks like.

```
.text, #text, p{  
    color:rgb(232, 185, 129)  
}
```

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(232, 185, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 185, 129) }
```

Border

The CSS property to change the border of an element to Yxy 53.4387, 0.4007, 0.3923 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(232, 185, 129) }
```

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

```
.border{ border-color:rgb(232, 185, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 185, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 185, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 185, 129);  
box-shadow:4px 4px 4px 4px rgb(232, 185,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4387, 0.4007, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 185, 129) }
```

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

```
.background{ background-color: rgb(232,  
185, 129) }
```

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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