

Converting Colors

Yxy(53.2153, 0.4041, 0.3993)

Have a look what the booklet for
Yxy(53.2153, 0.4041, 0.3993)
contains.

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Color

Yxy(53.1169, 0.4047, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	E7B97B
RGB	231, 185, 123
RGB Percent	91%, 73%, 48%
CMY	0.0940, 0.2746, 0.5176
CMYK	0.00, 0.20, 0.47, 0.09
HSL	34°, 69%, 69%
HSV	34°, 47%, 91%
XYZ	53.8892, 53.1169, 26.1523
YIQ	191.6860, 47.3180, -9.5300

Conversions

Conversions Part 2

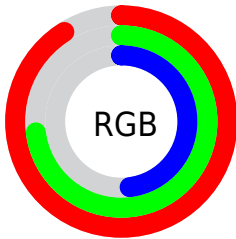
Format	Color
R _Y B	203, 231, 123
Decimal	15186299
CIE Lab	77.94, 8.90, 37.65
CIE LCh	78, 38.689, 76.698
Yxy	53.1169, 0.4047, 0.3989
Android (android.graphics.Color)	4293376379 (0xFFE7B97B)
YUV	191.6860, -33.8622, 34.4784
Hunter-Lab	72.8813, 4.4424, 29.7417

Details

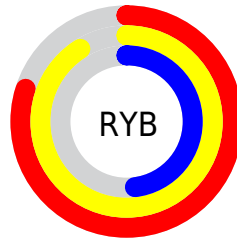
The Yxy color **53.1169, 0.4047, 0.3989** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.3804, 0.2355, 0.2456**, and the grayscale version is **52.7033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3052, 0.3635, 0.3941**, and **25.8678, 0.4274, 0.4142** is the 20% darker color. If you saturate the color by 10%, you get **48.6288, 0.4290, 0.4121**, and if you desaturate by 10%, it is **58.0321, 0.3816, 0.3841**.

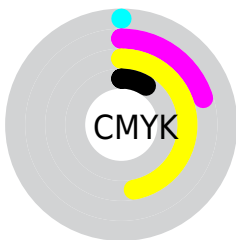
Distribution



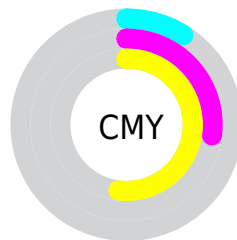
- Red (91%)
- Green (73%)
- Blue (48%)



- Red (80%)
- Yellow (91%)
- Blue (48%)



- Cyan (0%)
- Magenta (20%)
- Yellow (47%)
- Black (9%)





- Cyan (9%)
- Magenta (27%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1169, 0.4047, 0.3989 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 53.1169, 0.4047, 0.3989 by changing the saturation by 10% instead.


 53.1169, 0.4047,
0.3989


 53.1169, 0.4047,
0.3989


398.7335, 0.3603,
0.3666

 37.8961, 0.4150,
0.4060


 94.7764, 0.3891,
0.3879

 25.9021, 0.4278,
0.4144


 121.9838, 0.3830,
0.3835

 16.7504, 0.4437,
0.4244


 153.9556, 0.3779,
0.3797

 10.0567, 0.4639,
0.4360

191.0761, 0.3734,
0.3764

 5.4366, 0.4900,
0.4492

233.7298, 0.3695,
0.3735

 2.5056, 0.5316,
0.4684

282.3010, 0.3660,

 0.8794, 0.5492,

0.3709

0.4508

337.1741, 0.3630,
0.3686

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1169, 0.4047,
0.3989

53.1169, 0.4047,
0.3989

48.6288, 0.4290,
0.4121

58.0321, 0.3816,
0.3841

44.5446, 0.4535,
0.4226


63.3811, 0.3601,
0.3687


40.8500, 0.4770,
0.4290


69.1799, 0.3407,
0.3534

37.5258, 0.4982,
0.4305


75.4413, 0.3233,
0.3386


 34.5493, 0.5157,
0.4265

 82.1775, 0.3079,
0.3246

 33.6496, 0.5210,
0.4245

 88.9654, 0.2981,
0.3180

 95.0541, 0.2982,
0.3279

 95.7358, 0.2982,
0.3290

Harmonies

Analogous

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



53.1169, 0.4160, 0.3618



53.1169, 0.4047, 0.3989



53.1169, 0.3683, 0.4213

Triad

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



53.1169, 0.4047, 0.3989



53.1169, 0.2343, 0.3288



53.1169, 0.2998, 0.2578

Complementary

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



53.1169, 0.4047, 0.3989



38.3804, 0.2355, 0.2456

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.



53.1169, 0.2545, 0.2468



53.1169, 0.4047, 0.3989



53.1169, 0.2193, 0.2828

Square

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



53.1169, 0.4047, 0.3989



53.1169, 0.2699, 0.3805



53.1169, 0.2264, 0.2546



53.1169, 0.3526, 0.2841

Rectangle

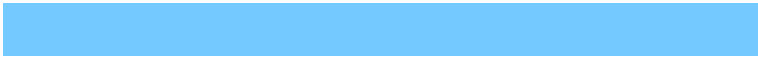
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1169, 0.4047, 0.3989



53.1169, 0.3359, 0.4216



53.1169, 0.2264, 0.2546



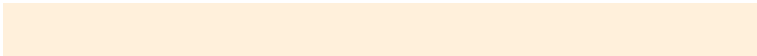
53.1169, 0.2832, 0.2522

Sweetspot

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



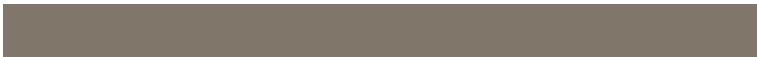
53.1194, 0.4047, 0.3989



88.5824, 0.3358, 0.3493



34.0585, 0.3833, 0.2761



18.6058, 0.3398, 0.3526



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.



53.1194, 0.4047, 0.3989



61.0755, 0.4279, 0.4116



74.4267, 0.3762, 0.4455



15.7341, 0.3278, 0.3425



19.1081, 0.5189, 0.4262



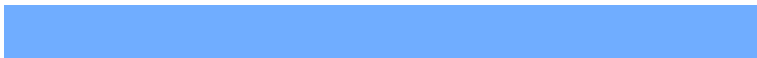
1.5954, 0.5004, 0.4408

Inverse Universe

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



38.3804, 0.2355, 0.2456



40.5921, 0.2198, 0.2247



24.7014, 0.2291, 0.1840



14.8922, 0.2981, 0.3152



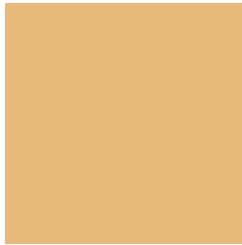
8.4155, 0.1707, 0.1346



0.8029, 0.1786, 0.1631

Previews

White Background



This preview shows how the Yxy color 53.1169, 0.4047, 0.3989 looks on a white background.

Color Contrast Check

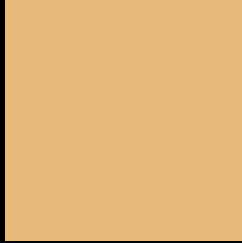
Large Text (above 18pt) WCAG AA × Fail

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 53.1169, 0.4047, 0.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

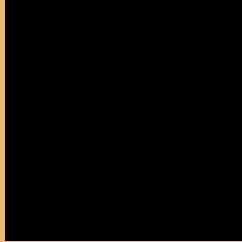
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1169, 0.4047, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 53.1169, 0.4047, 0.3989.



This preview shows how white text looks on a background with the Yxy color 53.1169, 0.4047, 0.3989.

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

53.1169, 0.4047, 0.3989

Protanopia

53.3479, 0.3795, 0.4098

Deuteranopia

53.0347, 0.4070, 0.3974



Tritanopia

53.1665, 0.3548, 0.3147

Trichromacy



Original Color

53.1169, 0.4047, 0.3989

Protanomaly

53.2130, 0.3889, 0.4055

Deuteranomaly

52.8668, 0.4061, 0.3976

Tritanomaly

53.0579, 0.3736, 0.3450

Monochromacy



Original Color

53.1169, 0.4047, 0.3989

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3070, 0.3446, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1169, 0.4047, 0.3989 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(231, 185, 123)` looks like.

```
.text, #text, p{  
    color:rgb(231, 185, 123)  
}
```

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(231, 185, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 185, 123) }
```

Border

The CSS property to change the border of an element to Yxy 53.1169, 0.4047, 0.3989 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(231, 185, 123) }
```

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

```
.border{ border-color:rgb(231, 185, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 185, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 185, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 185, 123);  
box-shadow:4px 4px 4px 4px rgb(231, 185,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1169, 0.4047, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 185, 123) }
```

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

```
.background{ background-color: rgb(231,  
185, 123) }
```

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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