

Converting Colors

$Yxy(50.3809, 0.4046, 0.3957)$

Have a look what the booklet for
Yxy(50.3809, 0.4046, 0.3957)
contains.

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Color

Yxy(50.3786, 0.4046, 0.3957)

Conversions

Conversions Part 1

Format	Color
Hex	E3B47A
RGB	227, 180, 122
RGB Percent	89%, 71%, 48%
CMY	0.1098, 0.2941, 0.5215
CMYK	0.00, 0.21, 0.46, 0.11
HSL	33°, 65%, 68%
HSV	33°, 46%, 89%
XYZ	51.5117, 50.3786, 25.4248
YIQ	187.4410, 46.6300, -8.0740

Conversions

Conversions Part 2

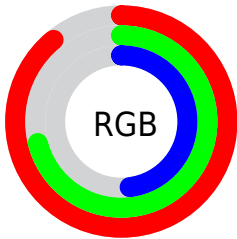
Format	Color
R_{YB}	207, 227, 122
Decimal	14922874
CIE _{Lab}	76.30, 9.81, 35.98
CIE _{LCh}	76, 37.294, 74.757
Yxy	50.3786, 0.4046, 0.3957
Android (android.graphics.Color)	4293112954 (0xFFE3B47A)
YUV	187.4410, -32.2624, 34.6932
Hunter-Lab	70.9779, 5.3338, 28.4464

Details

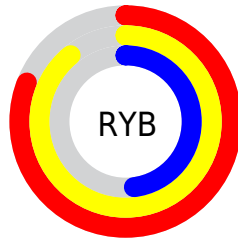
The Yxy color $50.3786, 0.4046, 0.3957$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $38.0592, 0.2370, 0.2500$, and the grayscale version is $50.1240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3461, 0.3656, 0.3905$, and $24.0816, 0.4283, 0.4105$ is the 20% darker color. If you saturate the color by 10%, you get $45.9294, 0.4295, 0.4085$, and if you desaturate by 10%, it is $55.2647, 0.3810, 0.3814$.

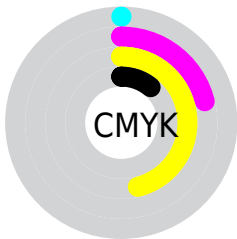
Distribution



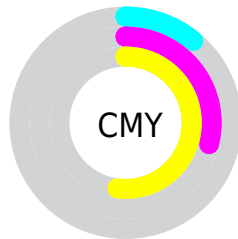
- Red (89%)
- Green (71%)
- Blue (48%)



- Red (81%)
- Yellow (89%)
- Blue (48%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3786, 0.4046, 0.3957 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 50.3786, 0.4046, 0.3957 by changing the saturation by 10% instead.


 50.3786, 0.4046,
0.3957


 50.3786, 0.4046,
0.3957


388.1447, 0.3597,
0.3646

 35.7143, 0.4152,
0.4025


 90.7356, 0.3887,
0.3851

 24.2136, 0.4284,
0.4107


 117.1971, 0.3826,
0.3809

 15.4922, 0.4450,
0.4204


 148.3597, 0.3774,
0.3772

 9.1655, 0.4662,
0.4317

184.6080, 0.3729,
0.3741

 4.8493, 0.4949,
0.4450

226.3262, 0.3689,
0.3713

 2.1591, 0.5383,
0.4617

273.8988, 0.3655,

 0.6976, 0.5644,

0.3688

0.4356

327.7101, 0.3624,
0.3666

0.0000, 0.0000,
0.0000

50.3786, 0.4046,
0.3957

50.3786, 0.4046,
0.3957

45.9294, 0.4295,
0.4085

55.2647, 0.3810,
0.3814

41.8942, 0.4550,
0.4187

60.5951, 0.3594,
0.3665

38.2583, 0.4796,
0.4250

66.3859, 0.3399,
0.3517

35.0027, 0.5019,
0.4263

72.6500, 0.3225,
0.3375

32.1047, 0.5207,
0.4221

79.3999, 0.3072,
0.3241

■ 31.0986, 0.5271,
0.4197

■ 86.4391, 0.2956,
0.3148

■ 92.6212, 0.2957,
0.3251

■ 95.0698, 0.2958,
0.3290

Harmonies

Analogous

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



50.3786, 0.4138, 0.3588



50.3786, 0.4046, 0.3957



50.3786, 0.3702, 0.4188

Triad

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



50.3786, 0.4046, 0.3957



50.3786, 0.2374, 0.3322



50.3786, 0.2968, 0.2578

Complementary

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



50.3786, 0.4046, 0.3957



38.0592, 0.2370, 0.2500

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.



50.3786, 0.2532, 0.2482



50.3786, 0.4046, 0.3957



50.3786, 0.2212, 0.2862

Square

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



50.3786, 0.4046, 0.3957



50.3786, 0.2735, 0.3824



50.3786, 0.2268, 0.2571



50.3786, 0.3486, 0.2829

Rectangle

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



50.3786, 0.4046, 0.3957



50.3786, 0.3388, 0.4203



50.3786, 0.2268, 0.2571



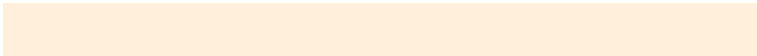
50.3786, 0.2808, 0.2527

Sweetspot

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



50.3810, 0.4046, 0.3957



88.1362, 0.3359, 0.3486



33.1260, 0.3800, 0.2747



18.4971, 0.3399, 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.



50.3810, 0.4046, 0.3957



60.2923, 0.4273, 0.4075



71.8292, 0.3769, 0.4436



15.6815, 0.3279, 0.3420



18.3743, 0.5251, 0.4213



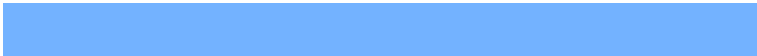
1.5426, 0.5054, 0.4369

Inverse Universe

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



38.0592, 0.2370, 0.2500



42.4982, 0.2223, 0.2309



23.9999, 0.2290, 0.1855



14.9439, 0.2981, 0.3157



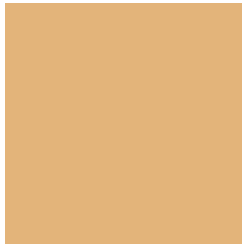
8.9556, 0.1726, 0.1412



0.8449, 0.1804, 0.1692

Previews

White Background



This preview shows how the Yxy color 50.3786, 0.4046, 0.3957 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 50.3786, 0.4046, 0.3957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

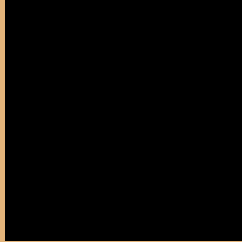
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3786, 0.4046, 0.3957

Background



This preview shows how black text looks on a background with the Yxy color 50.3786, 0.4046, 0.3957.



This preview shows how white text looks on a background with the Yxy color 50.3786, 0.4046, 0.3957.

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

50.3786, 0.4046, 0.3957

Protanopia

50.2845, 0.3771, 0.4071

Deuteranopia

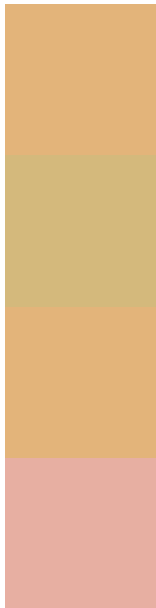
50.3786, 0.4046, 0.3957



Tritanopia

50.3315, 0.3569, 0.3145

Trichromacy



Original Color

50.3786, 0.4046, 0.3957

Protanomaly

50.1502, 0.3867, 0.4028

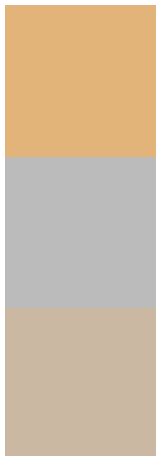
Deuteranomaly

50.3786, 0.4046, 0.3957

Tritanomaly

50.2575, 0.3752, 0.3441

Monochromacy



Original Color

50.3786, 0.4046, 0.3957

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4819, 0.3455, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3786, 0.4046, 0.3957 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(227, 180, 122)` looks like.

```
.text, #text, p{  
    color:rgb(227, 180, 122)  
}
```

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(227, 180, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 180, 122) }
```

Border

The CSS property to change the border of an element to Yxy 50.3786, 0.4046, 0.3957 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(227, 180, 122) }
```

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

```
.border{ border-color:rgb(227, 180, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 180, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 180, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 180, 122);  
box-shadow:4px 4px 4px 4px rgb(227, 180,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3786, 0.4046, 0.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 180, 122) }
```

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

```
.background{ background-color: rgb(227,  
180, 122) }
```

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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