

Converting Colors

$Yxy(51.0224, 0.4025, 0.3933)$

Have a look what the booklet for
Yxy(51.0224, 0.4025, 0.3933)
contains.

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Color

Yxy(51.0224, 0.4025, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	E4B57D
RGB	228, 181, 125
RGB Percent	89%, 71%, 49%
CMY	0.1059, 0.2901, 0.5099
CMYK	0.00, 0.21, 0.45, 0.11
HSL	33°, 66%, 69%
HSV	33°, 45%, 89%
XYZ	52.2159, 51.0224, 26.4907
YIQ	188.6690, 45.9880, -7.4520

Conversions

Conversions Part 2

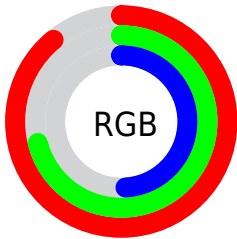
Format	Color
R _Y B	211, 228, 125
Decimal	14988669
CIE Lab	76.69, 9.97, 34.96
CIE LCh	77, 36.352, 74.087
Yxy	51.0224, 0.4025, 0.3933
Android (android.graphics.Color)	4293178749 (0xFFE4B57D)
YUV	188.6690, -31.3888, 34.4933
Hunter-Lab	71.4300, 5.4826, 28.0126

Details

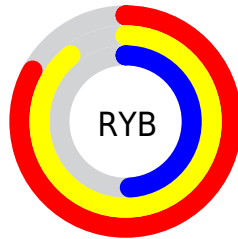
The Yxy color **51.0224, 0.4025, 0.3933** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.4456, 0.2389, 0.2534**, and the grayscale version is **50.8527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0427, 0.3634, 0.3884**, and **24.4924, 0.4254, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **46.4357, 0.4276, 0.4062**, and if you desaturate by 10%, it is **56.0632, 0.3789, 0.3791**.

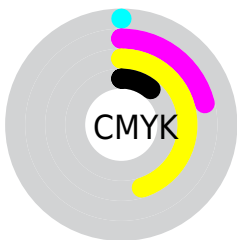
Distribution



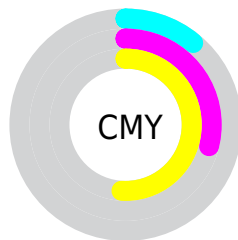
- Red (89%)
- Green (71%)
- Blue (49%)



- Red (83%)
- Yellow (89%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (11%)





- Cyan (11%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0224, 0.4025, 0.3933 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 51.0224, 0.4025, 0.3933 by changing the saturation by 10% instead.


 51.0224, 0.4025,
0.3933

 51.0224, 0.4025,
0.3933


390.6508, 0.3586,
0.3634


 36.2264, 0.4129,
0.3999


 91.6879, 0.3869,
0.3830

 24.6091, 0.4258,
0.4078


 118.3262, 0.3810,
0.3790

 15.7861, 0.4421,
0.4172

 149.6807, 0.3759,
0.3755

 9.3729, 0.4631,
0.4283

186.1359, 0.3715,
0.3724

 4.9852, 0.4908,
0.4408

228.0761, 0.3677,
0.3698

 2.2386, 0.5385,
0.4615

275.8857, 0.3643,

 0.7409, 0.5623,

0.3674

0.4377

329.9492, 0.3613,
0.3653

0.0000, 0.0000,
0.0000

51.0224, 0.4025,
0.3933

51.0224, 0.4025,
0.3933

46.4357, 0.4276,
0.4062

56.0632, 0.3789,
0.3791

42.2797, 0.4534,
0.4165

61.5658, 0.3573,
0.3644

38.5394, 0.4786,
0.4231

67.5469, 0.3380,
0.3499

35.1951, 0.5017,
0.4247

74.0197, 0.3208,
0.3359

32.2244, 0.5212,
0.4209

80.9971, 0.3057,
0.3228

■ 30.9122, 0.5296,
0.4177

■ 88.0475, 0.2962,
0.3173

■ 94.4609, 0.2964,
0.3277

■ 95.2316, 0.2964,
0.3290

Harmonies

Analogous

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



51.0224, 0.4107, 0.3573



51.0224, 0.4025, 0.3933



51.0224, 0.3697, 0.4159

Triad

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



51.0224, 0.4025, 0.3933



51.0224, 0.2401, 0.3333



51.0224, 0.2962, 0.2593

Complementary

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



51.0224, 0.4025, 0.3933



39.4456, 0.2389, 0.2534

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.



51.0224, 0.2541, 0.2503



51.0224, 0.4025, 0.3933



51.0224, 0.2238, 0.2884

Square

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



51.0224, 0.4025, 0.3933



51.0224, 0.2757, 0.3817



51.0224, 0.2287, 0.2596



51.0224, 0.3465, 0.2835

Rectangle

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



51.0224, 0.4025, 0.3933



51.0224, 0.3393, 0.4176



51.0224, 0.2287, 0.2596



51.0224, 0.2807, 0.2544

Sweetspot

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



51.0248, 0.4025, 0.3933



87.9597, 0.3360, 0.3483



34.1726, 0.3758, 0.2740



18.4541, 0.3399, 0.3514



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.



51.0248, 0.4025, 0.3933



60.3417, 0.4254, 0.4052



72.8945, 0.3769, 0.4407



15.6607, 0.3279, 0.3418



18.0924, 0.5275, 0.4193



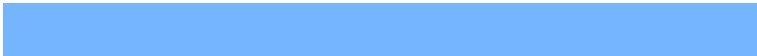
1.5222, 0.5074, 0.4353

Inverse Universe

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



39.4456, 0.2389, 0.2534



43.7028, 0.2242, 0.2346



24.8838, 0.2299, 0.1888



14.9645, 0.2981, 0.3159



9.1787, 0.1733, 0.1438



0.8621, 0.1810, 0.1717

Previews

White Background



This preview shows how the Yxy color 51.0224, 0.4025, 0.3933 looks on a white background.

Color Contrast Check

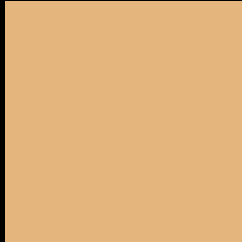
Large Text (above 18pt) WCAG AA × Fail

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 51.0224, 0.4025, 0.3933 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 51.0224, 0.4025, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 51.0224, 0.4025, 0.3933.



This preview shows how white text looks on a background with the Yxy color 51.0224, 0.4025, 0.3933.

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

51.0224, 0.4025, 0.3933

Protanopia

50.9328, 0.3753, 0.4043

Deuteranopia

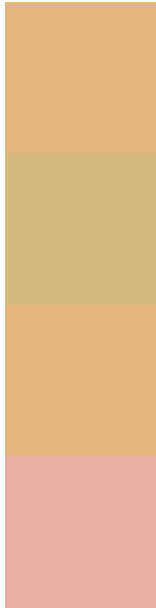
51.0224, 0.4025, 0.3933



Tritanopia

50.9247, 0.3566, 0.3145

Trichromacy



Original Color

51.0224, 0.4025, 0.3933

Protanomaly

50.7963, 0.3847, 0.4002

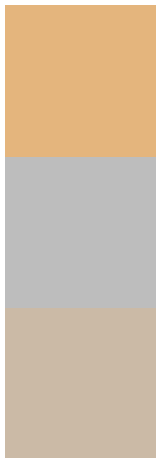
Deuteranomaly

51.0224, 0.4025, 0.3933

Tritanomaly

50.8868, 0.3740, 0.3429

Monochromacy



Original Color

51.0224, 0.4025, 0.3933

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5675, 0.3434, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0224, 0.4025, 0.3933 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(228, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(228, 181, 125)  
}
```

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(228, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 181, 125) }
```

Border

The CSS property to change the border of an element to Yxy 51.0224, 0.4025, 0.3933 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(228, 181, 125) }
```

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

```
.border{ border-color:rgb(228, 181, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 181, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 181, 125);  
box-shadow:4px 4px 4px 4px rgb(228, 181,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0224, 0.4025, 0.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 181, 125) }
```

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

```
.background{ background-color: rgb(228,  
181, 125) }
```

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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