

Converting Colors

Yxy(52.5517, 0.3858, 0.3800)

Have a look what the booklet for
Yxy(52.5517, 0.3858, 0.3800)
contains.

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Color

Yxy(52.7898, 0.3854, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	E2B98D
RGB	226, 185, 141
RGB Percent	89%, 73%, 55%
CMY	0.1136, 0.2745, 0.4470
CMYK	0.00, 0.18, 0.38, 0.11
HSL	31°, 59%, 72%
HSV	31°, 38%, 89%
XYZ	53.5259, 52.7898, 32.5683
YIQ	192.2430, 38.5600, -4.9920

Conversions

Conversions Part 2

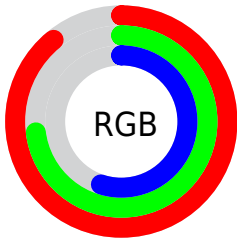
Format	Color
R _Y B	220, 226, 141
Decimal	14858637
CIE Lab	77.75, 8.80, 27.88
CIE LCh	78, 29.241, 72.481
Yxy	52.7898, 0.3854, 0.3801
Android (android.graphics.Color)	4293048717 (0xFFE2B98D)
YUV	192.2430, -25.2628, 29.6049
Hunter-Lab	72.6566, 4.3514, 24.2829

Details

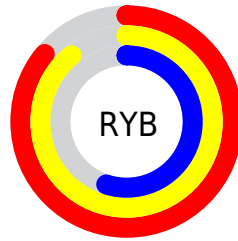
The Yxy color **52.7898, 0.3854, 0.3801** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.6224, 0.2520, 0.2713**, and the grayscale version is **52.9977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.1107, 0.3513, 0.3750**, and **25.6757, 0.4048, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **47.7971, 0.4101, 0.3935**, and if you desaturate by 10%, it is **58.2748, 0.3628, 0.3661**.

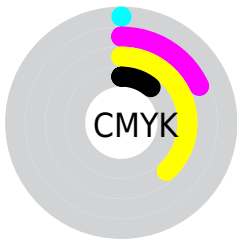
Distribution



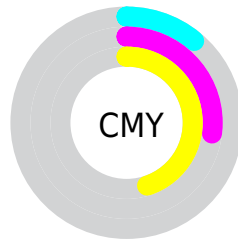
- Red (89%)
- Green (73%)
- Blue (55%)



- Red (86%)
- Yellow (89%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (11%)





- Cyan (11%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7898, 0.3854, 0.3801 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 52.7898, 0.3854, 0.3801 by changing the saturation by 10% instead.


 52.7898, 0.3854,
0.3801

 52.7898, 0.3854,
0.3801

397.4781, 0.3498,
0.3561


 37.6350, 0.3939,
0.3855


 94.2950, 0.3727,
0.3718

 25.6995, 0.4046,
0.3922


 121.4142, 0.3679,
0.3685

 16.5990, 0.4183,
0.4004


 153.2902, 0.3638,
0.3657

 9.9490, 0.4365,
0.4107

190.3076, 0.3602,
0.3633

 5.3652, 0.4613,
0.4233

232.8507, 0.3571,
0.3611

 2.4631, 0.5128,
0.4523

281.3039, 0.3544,

 0.8581, 0.5491,

0.3593

0.4509

336.0516, 0.3520,
0.3576

0.0000, 0.0000,
0.0000

52.7898, 0.3854,
0.3801

52.7898, 0.3854,
0.3801

47.7971, 0.4101,
0.3935

58.2748, 0.3628,
0.3661

43.2731, 0.4364,
0.4052

64.2599, 0.3427,
0.3522

39.2029, 0.4633,
0.4142

70.7621, 0.3248,
0.3387

35.5674, 0.4895,
0.4191

77.7952, 0.3092,
0.3261

32.3455, 0.5131,
0.4189

85.3722, 0.2955,
0.3142

■ 29.5113, 0.5330,
0.4132

■ 92.0344, 0.2951,
0.3244

■ 28.8851, 0.5374,
0.4115

■ 94.9123, 0.2952,
0.3289

Harmonies

Analogous

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



52.7898, 0.3901, 0.3512



52.7898, 0.3854, 0.3801



52.7898, 0.3606, 0.3977

Triad

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



52.7898, 0.3854, 0.3801



52.7898, 0.2556, 0.3351



52.7898, 0.2979, 0.2716

Complementary

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



52.7898, 0.3854, 0.3801



44.6224, 0.2520, 0.2713

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.



52.7898, 0.2642, 0.2653



52.7898, 0.3854, 0.3801



52.7898, 0.2410, 0.2990

Square

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



52.7898, 0.3854, 0.3801



52.7898, 0.2854, 0.3721



52.7898, 0.2441, 0.2744



52.7898, 0.3378, 0.2909

Rectangle

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



52.7898, 0.3854, 0.3801



52.7898, 0.3367, 0.3990



52.7898, 0.2441, 0.2744



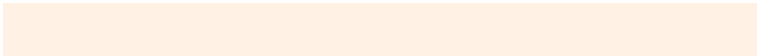
52.7898, 0.2855, 0.2679

Sweetspot

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



52.7923, 0.3854, 0.3801



89.9895, 0.3307, 0.3433



38.6044, 0.3599, 0.2816



19.0100, 0.3331, 0.3451



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.



52.7923, 0.3854, 0.3801



64.2978, 0.4042, 0.3905



72.2718, 0.3680, 0.4225



14.8679, 0.3279, 0.3411



16.7147, 0.5351, 0.4133



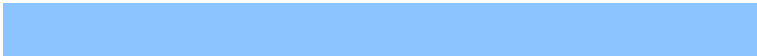
1.3377, 0.5125, 0.4313

Inverse Universe

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



44.6224, 0.2520, 0.2713



52.1262, 0.2395, 0.2570



30.3310, 0.2449, 0.2154



14.3293, 0.2981, 0.3166



9.6142, 0.1757, 0.1526



0.8451, 0.1837, 0.1812

Previews

White Background



This preview shows how the Yxy color 52.7898, 0.3854, 0.3801 looks on a white background.

Color Contrast Check

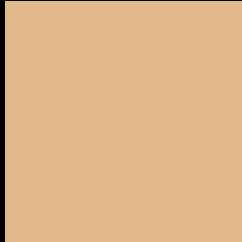
Large Text (above 18pt) WCAG AA × Fail

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 52.7898, 0.3854, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

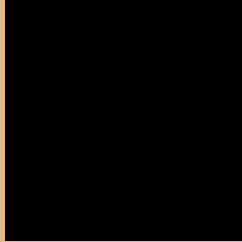
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7898, 0.3854, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 52.7898, 0.3854, 0.3801.



This preview shows how white text looks on a background with the Yxy color 52.7898, 0.3854, 0.3801.

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

52.7898, 0.3854, 0.3801

Protanopia

52.8347, 0.3624, 0.3880

Deuteranopia

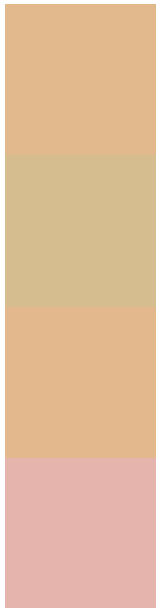
52.6980, 0.3876, 0.3787



Tritanopia

52.6355, 0.3476, 0.3133

Trichromacy



Original Color

52.7898, 0.3854, 0.3801

Protanomaly

52.5245, 0.3705, 0.3846

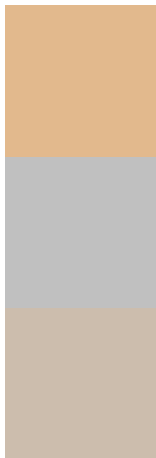
Deuteranomaly

52.5350, 0.3867, 0.3788

Tritanomaly

52.7229, 0.3618, 0.3383

Monochromacy



Original Color

52.7898, 0.3854, 0.3801

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2497, 0.3380, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7898, 0.3854, 0.3801 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(226, 185, 141)` looks like.

```
.text, #text, p{  
    color:rgb(226, 185, 141)  
}
```

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(226, 185, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 185, 141) }
```

Border

The CSS property to change the border of an element to Yxy 52.7898, 0.3854, 0.3801 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(226, 185, 141) }
```

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

```
.border{ border-color:rgb(226, 185, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 185, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 185, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 185, 141); box-shadow:4px 4px 4px 4px rgb(226, 185, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7898, 0.3854, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 185, 141) }
```

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

```
.background{ background-color: rgb(226,  
185, 141) }
```

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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