

Converting Colors

Yxy(52.4632, 0.3896, 0.3868)

Have a look what the booklet for
Yxy(52.4632, 0.3896, 0.3868)
contains.

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Color

Yxy(52.4547, 0.3895, 0.3871)

Conversions

Conversions Part 1

Format	Color
Hex	E1B987
RGB	225, 185, 135
RGB Percent	88%, 73%, 53%
CMY	0.1176, 0.2745, 0.4705
CMYK	0.00, 0.18, 0.40, 0.12
HSL	33°, 60%, 71%
HSV	33°, 40%, 88%
XYZ	52.7799, 52.4547, 30.2722
YIQ	191.2600, 39.8900, -7.0700

Conversions

Conversions Part 2

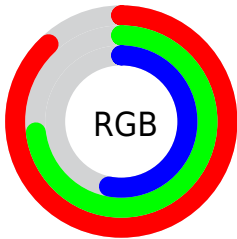
Format	Color
RYB	207, 225, 135
Decimal	14793095
CIELab	77.55, 7.73, 30.76
CIELCh	78, 31.719, 75.891
Yxy	52.4547, 0.3895, 0.3871
Android (android.graphics.Color)	4292983175 (0xFFE1B987)
YUV	191.2600, -27.7362, 29.5900
Hunter-Lab	72.4256, 3.3364, 25.9161

Details

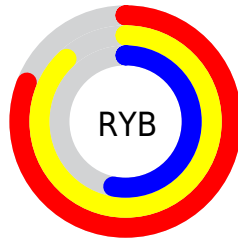
The Yxy color $52.4547, 0.3895, 0.3871$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $41.2695, 0.2474, 0.2623$, and the grayscale version is $52.4091, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8447, 0.3552, 0.3811$, and $25.4832, 0.4090, 0.4003$ is the 20% darker color. If you saturate the color by 10%, you get $47.8479, 0.4136, 0.4011$, and if you desaturate by 10%, it is $57.4952, 0.3672, 0.3723$.

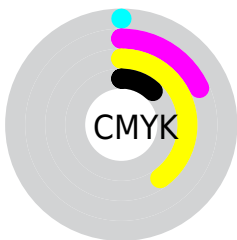
Distribution



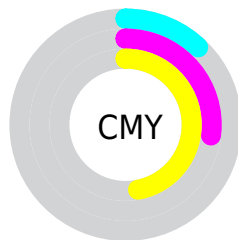
- Red (88%)
- Green (73%)
- Blue (53%)



- Red (81%)
- Yellow (88%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (12%)



- Cyan (12%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4547, 0.3895, 0.3871 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 52.4547, 0.3895, 0.3871 by changing the saturation by 10% instead.

 52.4547, 0.3895,
0.3871


 52.4547, 0.3895,
0.3871


396.1895, 0.3520,
0.3597


 37.3676, 0.3984,
0.3933


 93.8015, 0.3762,
0.3776

 25.4923, 0.4095,
0.4008


 120.8300, 0.3711,
0.3739

 16.4442, 0.4237,
0.4101


 152.6078, 0.3668,
0.3707

 9.8390, 0.4423,
0.4216

189.5192, 0.3630,
0.3680

 5.2923, 0.4671,
0.4354

231.9487, 0.3597,
0.3655

 2.4198, 0.5263,
0.4737

280.2807, 0.3569,

 0.8360, 0.5425,

0.3634

0.4575

334.8995, 0.3543,
0.3615

0.0000, 0.0000,
0.0000

52.4547, 0.3895,
0.3871

52.4547, 0.3895,
0.3871

47.8479, 0.4136,
0.4011

57.4952, 0.3672,
0.3723

43.6527, 0.4387,
0.4131

62.9756, 0.3469,
0.3573

39.8561, 0.4638,
0.4220

68.9111, 0.3288,
0.3428

36.4407, 0.4876,
0.4266

75.3140, 0.3127,
0.3290

33.3870, 0.5086,
0.4260

82.1960, 0.2986,
0.3161

■ 30.6655, 0.5262,
0.4204

■ 88.5616, 0.2944,
0.3189

■ 30.6645, 0.5262,
0.4204

■ 94.7512, 0.2946,
0.3289

Harmonies

Analogous

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



52.4547, 0.3976, 0.3565



52.4547, 0.3895, 0.3871



52.4547, 0.3603, 0.4047

Triad

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



52.4547, 0.3895, 0.3871



52.4547, 0.2482, 0.3306



52.4547, 0.3012, 0.2688

Complementary

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



52.4547, 0.3895, 0.3871



41.2695, 0.2474, 0.2623

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.



52.4547, 0.2636, 0.2601



52.4547, 0.3895, 0.3871



52.4547, 0.2347, 0.2923

Square

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



52.4547, 0.3895, 0.3871



52.4547, 0.2786, 0.3719



52.4547, 0.2401, 0.2677



52.4547, 0.3447, 0.2909

Rectangle

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



52.4547, 0.3895, 0.3871



52.4547, 0.3337, 0.4045



52.4547, 0.2401, 0.2677



52.4547, 0.2875, 0.2642

Sweetspot

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



52.4572, 0.3895, 0.3871



89.8057, 0.3324, 0.3458



36.4611, 0.3674, 0.2819



18.9963, 0.3347, 0.3477



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.



52.4572, 0.3895, 0.3871



64.5123, 0.4095, 0.3988



70.9100, 0.3689, 0.4290



14.9563, 0.3278, 0.3420



17.9030, 0.5241, 0.4220



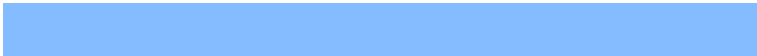
1.4188, 0.5036, 0.4383

Inverse Universe

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



41.2695, 0.2474, 0.2623



47.7303, 0.2335, 0.2453



28.3057, 0.2421, 0.2077



14.2418, 0.2981, 0.3156



8.6174, 0.1724, 0.1405



0.7738, 0.1806, 0.1702

Previews

White Background



This preview shows how the Yxy color 52.4547, 0.3895, 0.3871 looks on a white background.

Color Contrast Check

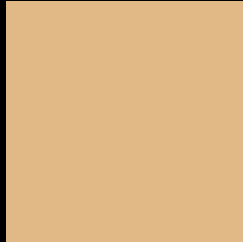
Large Text (above 18pt) WCAG AA × Fail

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 52.4547, 0.3895, 0.3871 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 52.4547, 0.3895, 0.3871

Background



This preview shows how black text looks on a background with the Yxy color 52.4547, 0.3895, 0.3871.



This preview shows how white text looks on a background with the Yxy color 52.4547, 0.3895, 0.3871.

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

52.4547, 0.3895, 0.3871

Protanopia

52.6561, 0.3671, 0.3954

Deuteranopia

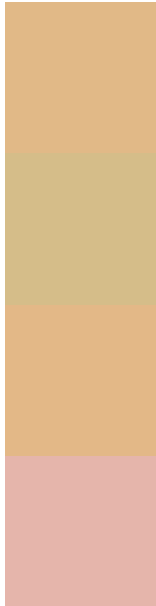
52.5242, 0.3927, 0.3854



Tritanopia

52.5913, 0.3485, 0.3145

Trichromacy



Original Color

52.4547, 0.3895, 0.3871

Protanomaly

52.3475, 0.3753, 0.3917

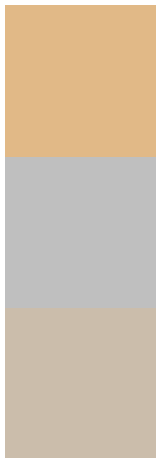
Deuteranomaly

52.3611, 0.3918, 0.3856

Tritanomaly

52.6460, 0.3635, 0.3406

Monochromacy



Original Color

52.4547, 0.3895, 0.3871

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.0320, 0.3387, 0.3512

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4547, 0.3895, 0.3871 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(225, 185, 135)` looks like.

```
.text, #text, p{  
    color:rgb(225, 185, 135)  
}
```

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(225, 185, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 185, 135) }
```

Border

The CSS property to change the border of an element to Yxy 52.4547, 0.3895, 0.3871 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(225, 185, 135) }
```

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

```
.border{ border-color:rgb(225, 185, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 185, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 185, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 185, 135);  
box-shadow:4px 4px 4px 4px rgb(225, 185,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4547, 0.3895, 0.3871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 185, 135) }
```

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

```
.background{ background-color: rgb(225,  
185, 135) }
```

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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