

Converting Colors

Yxy(54.4115, 0.3869, 0.3900)

Have a look what the booklet for
Yxy(54.4115, 0.3869, 0.3900)
contains.

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Color

Yxy(54.3415, 0.3877, 0.3902)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | E2BD88 |
| RGB | 226, 189, 136 |
| RGB Percent | 89%, 74%, 53% |
| CMY | 0.1139, 0.2587, 0.4667 |
| CMYK | 0.00, 0.16, 0.40, 0.11 |
| HSL | 35°, 61%, 71% |
| HSV | 35°, 40%, 89% |
| XYZ | 53.9933, 54.3415, 30.9309 |
| YIQ | 194.0210, 39.0650, -8.6390 |

Conversions

Conversions Part 2

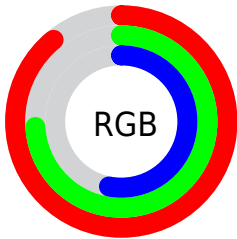
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 199, 226, 136 |
| Decimal | 14859656 |
| CIE Lab | 78.66, 6.08, 31.73 |
| CIE LCh | 79, 32.310, 79.154 |
| Yxy | 54.3415, 0.3877, 0.3902 |
| Android (android.graphics.Color) | 4293049736 (0xFFE2BD88) |
| YUV | 194.0210, -28.6044, 28.0456 |
| Hunter-Lab | 73.7167, 1.7370, 26.7241 |

Details

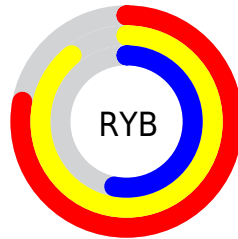
The Yxy color **54.3415, 0.3877, 0.3902** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.5759, 0.2470, 0.2583**, and the grayscale version is **54.1154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2825, 0.3536, 0.3838**, and **26.6992, 0.4071, 0.4055** is the 20% darker color. If you saturate the color by 10%, you get **49.9039, 0.4108, 0.4050**, and if you desaturate by 10%, it is **59.1748, 0.3660, 0.3745**.

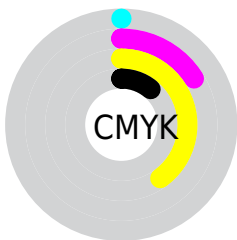
Distribution



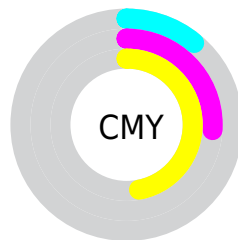
- Red (89%)
- Green (74%)
- Blue (53%)



- Red (78%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (11%)





- Cyan (11%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3415, 0.3877, 0.3902 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 54.3415, 0.3877, 0.3902 by changing the saturation by 10% instead.

 54.3415, 0.3877,
0.3902


 54.3415, 0.3877,
0.3902


403.4109, 0.3514,
0.3614

 38.8748, 0.3962,
0.3967


 96.5755, 0.3749,
0.3802

 26.6623, 0.4068,
0.4047


 124.1115, 0.3700,
0.3763

 17.3198, 0.4203,
0.4145


 156.4394, 0.3657,
0.3730

 10.4627, 0.4378,
0.4267

193.9436, 0.3621,
0.3700

 5.7068, 0.4607,
0.4416

237.0084, 0.3589,
0.3675

 2.6676, 0.5143,
0.4801

286.0183, 0.3561,

 0.9608, 0.5290,

0.3652

0.4710

341.3577, 0.3536,
0.3632

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3415, 0.3877,
0.3902

54.3415, 0.3877,
0.3902

49.9039, 0.4108,
0.4050

59.1748, 0.3660,
0.3745

45.8411, 0.4347,
0.4178

64.4085, 0.3462,
0.3587

42.1411, 0.4583,
0.4275

70.0570, 0.3284,
0.3434

38.7880, 0.4805,
0.4329

76.1313, 0.3124,
0.3287

35.7638, 0.4998,
0.4331

82.6422, 0.2983,
0.3150

33.0408, 0.5159,
0.4284

88.4867, 0.2950,
0.3185

32.9927, 0.5162,
0.4283

94.2297, 0.2952,
0.3279

94.9008, 0.2952,
0.3289

Harmonies

Analogous

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



54.3415, 0.3985, 0.3603



54.3415, 0.3877, 0.3902



54.3415, 0.3565, 0.4059

Triad

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



54.3415, 0.3877, 0.3902



54.3415, 0.2454, 0.3260



54.3415, 0.3058, 0.2702

Complementary

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



54.3415, 0.3877, 0.3902



40.5759, 0.2470, 0.2583

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.



54.3415, 0.2668, 0.2599



54.3415, 0.3877, 0.3902



54.3415, 0.2338, 0.2886

Square

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



54.3415, 0.3877, 0.3902



54.3415, 0.2744, 0.3680



54.3415, 0.2414, 0.2657



54.3415, 0.3495, 0.2937

Rectangle

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



54.3415, 0.3877, 0.3902



54.3415, 0.3292, 0.4040



54.3415, 0.2414, 0.2657



54.3415, 0.2917, 0.2651

Sweetspot

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



54.3440, 0.3877, 0.3902



90.4301, 0.3322, 0.3468



36.8014, 0.3704, 0.2855



19.1434, 0.3345, 0.3488



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.



54.3440, 0.3877, 0.3902



66.4903, 0.4073, 0.4029



71.1186, 0.3664, 0.4294



15.0369, 0.3277, 0.3428



19.0707, 0.5143, 0.4299



1.4969, 0.4957, 0.4446

Inverse Universe

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



40.5759, 0.2470, 0.2583



45.9750, 0.2325, 0.2399



28.9765, 0.2448, 0.2090



14.1627, 0.2981, 0.3148



7.7958, 0.1695, 0.1300



0.7135, 0.1779, 0.1605

Previews

White Background



This preview shows how the Yxy color 54.3415, 0.3877, 0.3902 looks on a white background.

Color Contrast Check

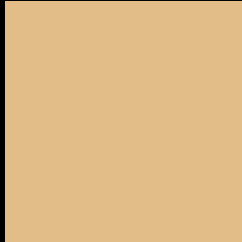
Large Text (above 18pt) WCAG AA × Fail

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 54.3415, 0.3877, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

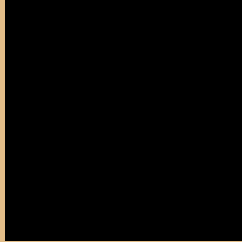
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3415, 0.3877, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 54.3415, 0.3877, 0.3902.



This preview shows how white text looks on a background with the Yxy color 54.3415, 0.3877, 0.3902.

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

54.3415, 0.3877, 0.3902

Protanopia

54.5668, 0.3695, 0.3979

Deuteranopia

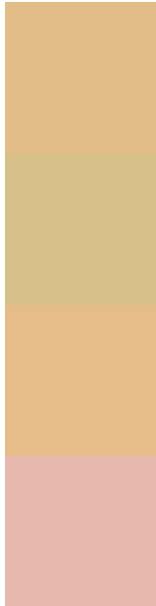
54.4740, 0.3940, 0.3868



Tritanopia

54.1437, 0.3453, 0.3135

Trichromacy



Original Color

54.3415, 0.3877, 0.3902

Protanomaly

54.5450, 0.3764, 0.3955

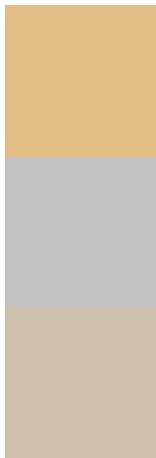
Deuteranomaly

54.5670, 0.3917, 0.3882

Tritanomaly

54.1600, 0.3610, 0.3405

Monochromacy



Original Color

54.3415, 0.3877, 0.3902

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.8382, 0.3391, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3415, 0.3877, 0.3902 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, 189, 136)` looks like.

```
.text, #text, p{  
    color:rgb(226, 189, 136)  
}
```

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, 189, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 189, 136) }
```

Border

The CSS property to change the border of an element to Yxy 54.3415, 0.3877, 0.3902 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, 189, 136) }
```

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

```
.border{ border-color:rgb(226, 189, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 189, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 189, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 189, 136); box-shadow:4px 4px 4px 4px rgb(226, 189, 136) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3415, 0.3877, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 189, 136) }
```

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

```
.background{ background-color: rgb(226,  
189, 136) }
```

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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