

Converting Colors

Yxy(54.3747, 0.3703, 0.3614)

Have a look what the booklet for
Yxy(54.3747, 0.3703, 0.3614)
contains.

Yxy(54.3747, 0.3703, 0.3614)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.3747, 0.3703, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	E3BB9F
RGB	227, 187, 159
RGB Percent	89%, 73%, 62%
CMY	0.1097, 0.2667, 0.3764
CMYK	0.00, 0.18, 0.30, 0.11
HSL	25°, 55%, 76%
HSV	25°, 30%, 89%
XYZ	55.7138, 54.3747, 40.3673
YIQ	195.7680, 32.8280, -0.2280

Conversions

Conversions Part 2

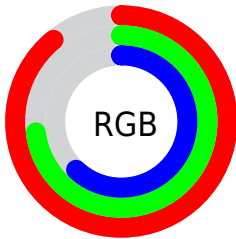
Format	Color
R _Y B	227, 207, 159
Decimal	14924703
CIE Lab	78.68, 10.35, 19.56
CIE LCh	79, 22.133, 62.123
Yxy	54.3747, 0.3703, 0.3614
Android (android.graphics.Color)	4293114783 (0xFFE3BB9F)
YUV	195.7680, -18.1266, 27.3905
Hunter-Lab	73.7392, 5.8223, 19.1601

Details

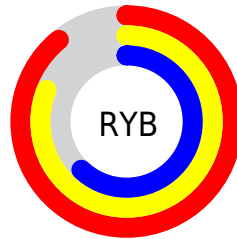
The Yxy color $54.3747, 0.3703, 0.3614$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $53.7891, 0.2657, 0.2941$, and the grayscale version is $55.1547, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.2162, 0.3388, 0.3578$, and $26.7697, 0.3867, 0.3700$ is the 20% darker color. If you saturate the color by 10%, you get $48.2515, 0.3955, 0.3726$, and if you desaturate by 10%, it is $61.1753, 0.3482, 0.3501$.

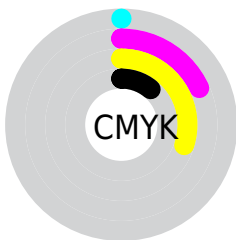
Distribution



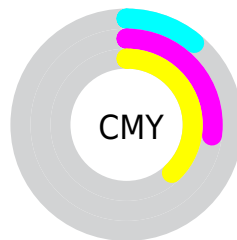
- Red (89%)
- Green (73%)
- Blue (62%)



- Red (89%)
- Yellow (81%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3747, 0.3703, 0.3614 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 54.3747, 0.3703, 0.3614 by changing the saturation by 10% instead.


 54.3747, 0.3703,
0.3614


 54.3747, 0.3703,
0.3614


403.5372, 0.3421,
0.3462

 38.9013, 0.3771,
0.3649


 96.6242, 0.3602,
0.3561

 26.6830, 0.3858,
0.3691


 124.1691, 0.3564,
0.3541

 17.3353, 0.3970,
0.3744


156.5066, 0.3531,
0.3523

 10.4738, 0.4122,
0.3812

194.0211, 0.3503,
0.3508

 5.7142, 0.4337,
0.3900

237.0970, 0.3478,
0.3494

 2.6721, 0.4661,
0.4012

286.1188, 0.3457,

 0.9630, 0.5567,

0.3482

0.4433

341.4707, 0.3438,
0.3472

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.3747, 0.3703,
0.3614

54.3747, 0.3703,
0.3614

48.2515, 0.3955,
0.3726

61.1753, 0.3482,
0.3501

42.7759, 0.4238,
0.3831

68.6669, 0.3291,
0.3392

37.9268, 0.4545,
0.3918

76.8720, 0.3126,
0.3290

33.6789, 0.4864,
0.3976

85.8100, 0.2986,
0.3194

■ 30.0045, 0.5175,
0.3991

■ 94.3181, 0.2958,
0.3278

■ 26.8732, 0.5454,
0.3953

■ 95.0749, 0.2958,
0.3290

■ 24.2437, 0.5685,
0.3867

■ 24.2330, 0.5686,
0.3867

Harmonies

Analogous

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



54.3747, 0.3677, 0.3381



54.3747, 0.3703, 0.3614



54.3747, 0.3567, 0.3776

Triad

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



54.3747, 0.3703, 0.3614



54.3747, 0.2764, 0.3437



54.3747, 0.2921, 0.2822

Complementary

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



54.3747, 0.3703, 0.3614



53.7891, 0.2657, 0.2941

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.



54.3747, 0.2693, 0.2817



54.3747, 0.3703, 0.3614



54.3747, 0.2606, 0.3157

Square

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



54.3747, 0.3703, 0.3614



54.3747, 0.3021, 0.3683



54.3747, 0.2581, 0.2933



54.3747, 0.3214, 0.2938

Rectangle

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



54.3747, 0.3703, 0.3614



54.3747, 0.3408, 0.3815



54.3747, 0.2581, 0.2933



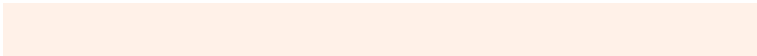
54.3747, 0.2835, 0.2807

Sweetspot

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



54.3772, 0.3703, 0.3614



90.2909, 0.3275, 0.3383



45.2992, 0.3402, 0.2828



19.0055, 0.3301, 0.3398



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.



54.3772, 0.3703, 0.3614



65.6685, 0.3858, 0.3685



70.1429, 0.3598, 0.3969



15.3369, 0.3282, 0.3387



14.3463, 0.5660, 0.3888



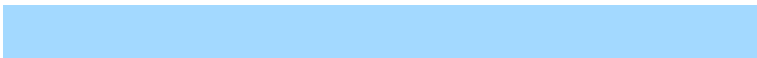
1.2394, 0.5397, 0.4096

Inverse Universe

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



53.7891, 0.2657, 0.2941



64.7746, 0.2559, 0.2855



40.1267, 0.2609, 0.2506



15.2901, 0.2981, 0.3191



13.3515, 0.1858, 0.1887



1.1685, 0.1920, 0.2112

Previews

White Background



This preview shows how the Yxy color 54.3747, 0.3703, 0.3614 looks on a white background.

Color Contrast Check

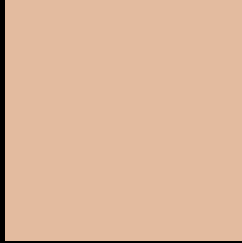
Large Text (above 18pt) WCAG AA × Fail

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 54.3747, 0.3703, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

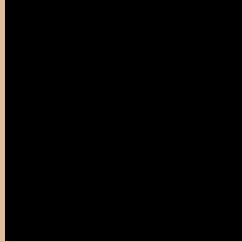
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.3747, 0.3703, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 54.3747, 0.3703, 0.3614.



This preview shows how white text looks on a background with the Yxy color 54.3747, 0.3703, 0.3614.

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

54.3747, 0.3703, 0.3614

Protanopia

54.3497, 0.3467, 0.3669

Deuteranopia

54.2126, 0.3694, 0.3615



Tritanopia

54.4303, 0.3435, 0.3134

Trichromacy



Original Color

54.3747, 0.3703, 0.3614

Protanomaly

54.1664, 0.3552, 0.3638

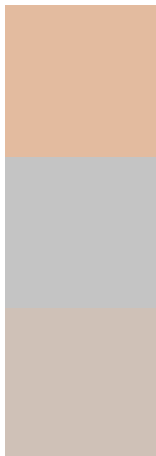
Deuteranomaly

54.2126, 0.3694, 0.3615

Tritanomaly

54.5229, 0.3533, 0.3303

Monochromacy



Original Color

54.3747, 0.3703, 0.3614

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.8242, 0.3319, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3747, 0.3703, 0.3614 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, 187, 159)` looks like.

```
.text, #text, p{  
    color:rgb(227, 187, 159)  
}
```

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, 187, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 187, 159) }
```

Border

The CSS property to change the border of an element to Yxy 54.3747, 0.3703, 0.3614 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, 187, 159) }
```

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

```
.border{ border-color:rgb(227, 187, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 187, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 187, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 187, 159);  
box-shadow:4px 4px 4px 4px rgb(227, 187,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3747, 0.3703, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 187, 159) }
```

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

```
.background{ background-color: rgb(227,  
187, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor