

Converting Colors

Yxy(63.3962, 0.3497, 0.3547)

Have a look what the booklet for
Yxy(63.3962, 0.3497, 0.3547)
contains.

Yxy(63.3449, 0.3504, 0.3548)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.3449, 0.3504, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	E6CCB5
RGB	230, 204, 181
RGB Percent	90%, 80%, 71%
CMY	0.0981, 0.1999, 0.2903
CMYK	0.00, 0.11, 0.21, 0.10
HSL	28°, 49%, 81%
HSV	28°, 21%, 90%
XYZ	62.5593, 63.3449, 52.6327
YIQ	209.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

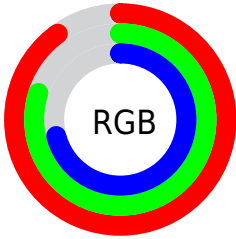
Format	Color
R _Y B	230, 224, 181
Decimal	15125685
CIE Lab	83.62, 5.52, 14.80
CIE LCh	84, 15.798, 69.548
Yxy	63.3449, 0.3504, 0.3548
Android (android.graphics.Color)	4293315765 (0xFFE6CCB5)
YUV	209.1520, -13.8789, 18.2837
Hunter-Lab	79.5895, 1.0238, 16.5041

Details

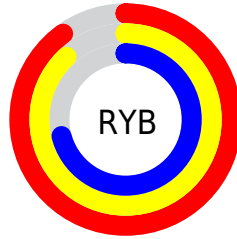
The Yxy color **63.3449, 0.3504, 0.3548** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.1302, 0.2791, 0.3017**, and the grayscale version is **63.9452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **32.3699, 0.3600, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **56.9120, 0.3721, 0.3676**, and if you desaturate by 10%, it is **70.3927, 0.3313, 0.3423**.

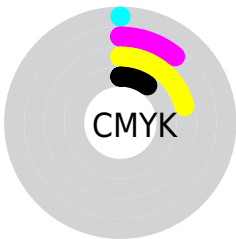
Distribution



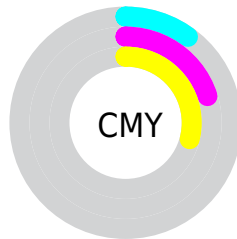
- Red (90%)
- Green (80%)
- Blue (71%)



- Red (90%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.3449, 0.3504, 0.3548 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 63.3449, 0.3504, 0.3548 by changing the saturation by 10% instead.


 63.3449, 0.3504,
0.3548

 63.3449, 0.3504,
0.3548


436.8201, 0.3324,
0.3428

 46.1203, 0.3546,
0.3576


 109.6669, 0.3441,
0.3506

 32.3408, 0.3599,
0.3610


139.5332, 0.3416,
0.3490

 21.6219, 0.3667,
0.3653


174.3820, 0.3396,
0.3476

 13.5793, 0.3758,
0.3709

214.5980, 0.3377,
0.3464

 7.8287, 0.3884,
0.3785

260.5654, 0.3362,
0.3453

 3.9855, 0.4070,
0.3893

312.6686, 0.3348,

 1.6655, 0.4416,

0.3444

0.4092

371.2920, 0.3335,
0.3435

0.4011, 0.5626,
0.4374

0.0000, 0.0000,
0.0000

63.3449, 0.3504,
0.3548

63.3449, 0.3504,
0.3548

56.9120, 0.3721,
0.3676

70.3927, 0.3313,
0.3423

51.0673, 0.3965,
0.3803

78.0637, 0.3147,
0.3305

45.7948, 0.4234,
0.3921

86.3773, 0.3003,
0.3194

41.0742, 0.4520,
0.4019

94.1370, 0.2975,
0.3267

■ 36.8839, 0.4811,
0.4084

■ 95.5595, 0.2976,
0.3290

■ 33.2001, 0.5089,
0.4104

■ 29.9962, 0.5335,
0.4071

■ 27.5707, 0.5516,
0.4002

Harmonies

Analogous

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



63.3449, 0.3513, 0.3399



63.3449, 0.3504, 0.3548



63.3449, 0.3391, 0.3634

Triad

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



63.3449, 0.3504, 0.3548



63.3449, 0.2845, 0.3344



63.3449, 0.3036, 0.2980

Complementary

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



63.3449, 0.3504, 0.3548



60.1302, 0.2791, 0.3017

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.



63.3449, 0.2863, 0.2958



63.3449, 0.3504, 0.3548



63.3449, 0.2756, 0.3161

Square

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



63.3449, 0.3504, 0.3548



63.3449, 0.3010, 0.3518



63.3449, 0.2763, 0.3022



63.3449, 0.3238, 0.3077

Rectangle

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



63.3449, 0.3504, 0.3548



63.3449, 0.3275, 0.3640



63.3449, 0.2763, 0.3022



63.3449, 0.2972, 0.2963

Sweetspot

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



63.3478, 0.3504, 0.3548



93.9897, 0.3223, 0.3360



54.3686, 0.3334, 0.3000



19.9814, 0.3234, 0.3368



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.



63.3478, 0.3504, 0.3548



76.0396, 0.3606, 0.3610



75.8319, 0.3451, 0.3804



15.4797, 0.3281, 0.3401



15.8526, 0.5491, 0.4022



1.3561, 0.5253, 0.4211

Inverse Universe

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



60.1302, 0.2791, 0.3017



71.2202, 0.2713, 0.2947



49.2397, 0.2771, 0.2718



15.1451, 0.2981, 0.3177



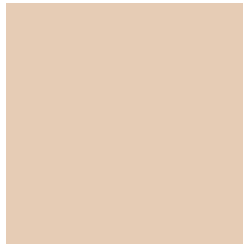
11.3433, 0.1801, 0.1683



1.0239, 0.1871, 0.1935

Previews

White Background



This preview shows how the Yxy color 63.3449, 0.3504, 0.3548 looks on a white background.

Color Contrast Check

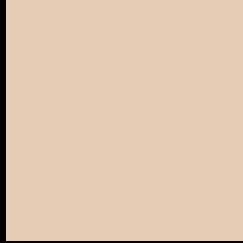
Large Text (above 18pt) WCAG AA × Fail

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 63.3449, 0.3504, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

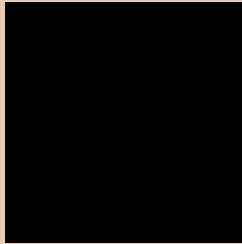
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3449, 0.3504, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 63.3449, 0.3504, 0.3548.



This preview shows how white text looks on a background with the Yxy color 63.3449, 0.3504, 0.3548.

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

63.3449, 0.3504, 0.3548

Protanopia

63.4361, 0.3384, 0.3577

Deuteranopia

63.3278, 0.3569, 0.3499



Tritanopia

63.2456, 0.3284, 0.3118

Trichromacy



Original Color

63.3449, 0.3504, 0.3548

Protanomaly

63.5326, 0.3426, 0.3575

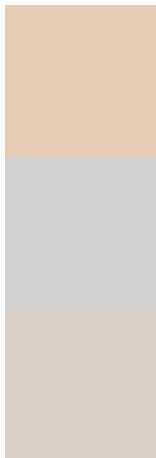
Deuteranomaly

63.2806, 0.3542, 0.3511

Tritanomaly

63.4087, 0.3365, 0.3269

Monochromacy



Original Color

63.3449, 0.3504, 0.3548

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5009, 0.3261, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3449, 0.3504, 0.3548 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(230, 204, 181)` looks like.

```
.text, #text, p{  
    color:rgb(230, 204, 181)  
}
```

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(230, 204, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 204, 181) }
```

Border

The CSS property to change the border of an element to Yxy 63.3449, 0.3504, 0.3548 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(230, 204, 181) }
```

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

```
.border{ border-color:rgb(230, 204, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 204, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 204, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 204, 181);  
box-shadow:4px 4px 4px 4px rgb(230, 204,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3449, 0.3504, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 204, 181) }
```

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

```
.background{ background-color: rgb(230,  
204, 181) }
```

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