

Converting Colors

Yxy(64.1809, 0.3506, 0.3500)

Have a look what the booklet for
Yxy(64.1809, 0.3506, 0.3500)
contains.

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Color

Yxy(64.1809, 0.3506, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	EACCB9
RGB	234, 204, 185
RGB Percent	92%, 80%, 73%
CMY	0.0822, 0.2000, 0.2745
CMYK	0.00, 0.13, 0.21, 0.08
HSL	23°, 54%, 82%
HSV	23°, 21%, 92%
XYZ	64.2909, 64.1809, 54.9022
YIQ	210.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

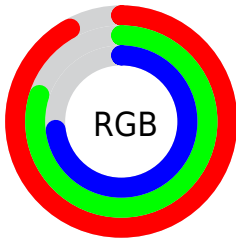
Format	Color
RYB	234, 216, 185
Decimal	15387833
CIELab	84.06, 7.62, 13.33
CIELCh	84, 15.353, 60.260
Yxy	64.1809, 0.3506, 0.3500
Android (android.graphics.Color)	4293577913 (0xFFEACCB9)
YUV	210.8040, -12.7214, 20.3429
Hunter-Lab	80.1130, 3.0491, 15.4471

Details

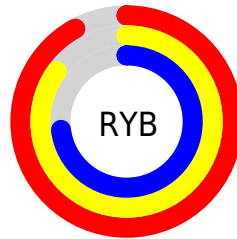
The Yxy color **64.1809, 0.3506, 0.3500** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.8858, 0.2800, 0.3070**, and the grayscale version is **65.0832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **32.9436, 0.3602, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **56.7689, 0.3734, 0.3607**, and if you desaturate by 10%, it is **72.3892, 0.3310, 0.3397**.

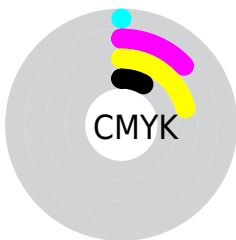
Distribution



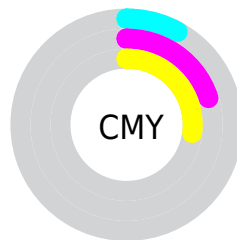
- Red (92%)
- Green (80%)
- Blue (73%)



- Red (92%)
- Yellow (85%)
- Blue (73%)



- Cyan (0%)
- Magenta (13%)
- Yellow (21%)
- Black (8%)





- Cyan (8%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1809, 0.3506, 0.3500 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 64.1809, 0.3506, 0.3500 by changing the saturation by 10% instead.

 64.1809, 0.3506,
0.3500

 64.1809, 0.3506,
0.3500


439.8426, 0.3326,
0.3403

 46.7972, 0.3548,
0.3522

 110.8714, 0.3442,
0.3466

 32.8754, 0.3602,
0.3549


140.9470, 0.3418,
0.3453

 22.0310, 0.3670,
0.3583


176.0221, 0.3397,
0.3442

 13.8797, 0.3761,
0.3627

216.4810, 0.3379,
0.3432

 8.0370, 0.3888,
0.3686

262.7081, 0.3363,
0.3424

 4.1186, 0.4076,
0.3768

315.0878, 0.3349,

 1.7402, 0.4396,

0.3416

0.3896

374.0045, 0.3337,
0.3409

0.4495, 0.5770,
0.4230

0.0000, 0.0000,
0.0000

64.1809, 0.3506,
0.3500

64.1809, 0.3506,
0.3500

56.7689, 0.3734,
0.3607

72.3892, 0.3310,
0.3397

50.1197, 0.3995,
0.3712

81.4088, 0.3142,
0.3299

44.2100, 0.4289,
0.3810

91.2509, 0.3000,
0.3210

39.0118, 0.4608,
0.3889

96.2387, 0.3000,
0.3290

■ 34.4954, 0.4939,
0.3937

■ 30.6281, 0.5261,
0.3941

■ 27.3738, 0.5545,
0.3893

■ 24.9160, 0.5758,
0.3810

Harmonies

Analogous

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



64.1809, 0.3482, 0.3345



64.1809, 0.3506, 0.3500



64.1809, 0.3426, 0.3606

Triad

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



64.1809, 0.3506, 0.3500



64.1809, 0.2897, 0.3398



64.1809, 0.2982, 0.2974

Complementary

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



64.1809, 0.3506, 0.3500



64.8858, 0.2800, 0.3070

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.



64.1809, 0.2833, 0.2979



64.1809, 0.3506, 0.3500



64.1809, 0.2785, 0.3218

Square

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



64.1809, 0.3506, 0.3500



64.1809, 0.3072, 0.3551



64.1809, 0.2762, 0.3065



64.1809, 0.3174, 0.3048

Rectangle

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



64.1809, 0.3506, 0.3500



64.1809, 0.3325, 0.3631



64.1809, 0.2762, 0.3065



64.1809, 0.2925, 0.2966

Sweetspot

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



64.1838, 0.3506, 0.3500



93.2166, 0.3224, 0.3348



57.1188, 0.3298, 0.2962



19.7989, 0.3235, 0.3354



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.



64.1838, 0.3506, 0.3500



74.1106, 0.3597, 0.3544



76.6632, 0.3454, 0.3755



16.0104, 0.3283, 0.3382



14.2230, 0.5730, 0.3832



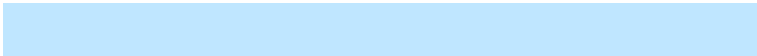
1.2985, 0.5473, 0.4036

Inverse Universe

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



64.8858, 0.2800, 0.3070



75.0984, 0.2735, 0.3021



53.4010, 0.2780, 0.2778



16.0857, 0.2981, 0.3197



14.6956, 0.1881, 0.1971



1.3396, 0.1937, 0.2173

Previews

White Background



This preview shows how the Yxy color 64.1809, 0.3506, 0.3500 looks on a white background.

Color Contrast Check

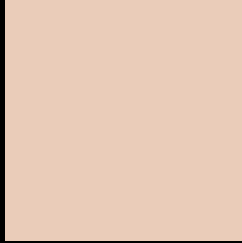
Large Text (above 18pt) WCAG AA × Fail

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 64.1809, 0.3506, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

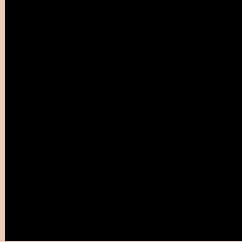
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.1809, 0.3506, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 64.1809, 0.3506, 0.3500.



This preview shows how white text looks on a background with the Yxy color 64.1809, 0.3506, 0.3500.

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

64.1809, 0.3506, 0.3500

Protanopia

64.2918, 0.3354, 0.3530

Deuteranopia

64.0946, 0.3551, 0.3476



Tritanopia

64.3920, 0.3315, 0.3130

Trichromacy



Original Color

64.1809, 0.3506, 0.3500

Protanomaly

64.0608, 0.3404, 0.3516

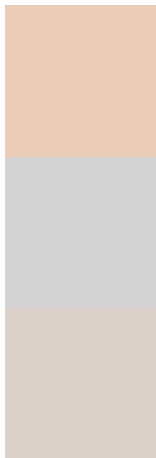
Deuteranomaly

64.2192, 0.3532, 0.3488

Tritanomaly

64.1374, 0.3389, 0.3258

Monochromacy



Original Color

64.1809, 0.3506, 0.3500

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4361, 0.3253, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1809, 0.3506, 0.3500 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(234, 204, 185)` looks like.

```
.text, #text, p{  
    color:rgb(234, 204, 185)  
}
```

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(234, 204, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 204, 185) }
```

Border

The CSS property to change the border of an element to Yxy 64.1809, 0.3506, 0.3500 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(234, 204, 185) }
```

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

```
.border{ border-color:rgb(234, 204, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 204, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 204, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 204, 185);  
box-shadow:4px 4px 4px 4px rgb(234, 204,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1809, 0.3506, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 204, 185) }
```

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

```
.background{ background-color: rgb(234,  
204, 185) }
```

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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