

Converting Colors

Yxy(63.9813, 0.3506, 0.3591)

Have a look what the booklet for
Yxy(63.9813, 0.3506, 0.3591)
contains.

Yxy(64.0553, 0.3507, 0.3593)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.0553, 0.3507, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	E5CEB3
RGB	229, 206, 179
RGB Percent	90%, 81%, 70%
CMY	0.1019, 0.1921, 0.2981
CMYK	0.00, 0.10, 0.22, 0.10
HSL	32°, 49%, 80%
HSV	32°, 22%, 90%
XYZ	62.5221, 64.0553, 51.7006
YIQ	209.7990, 22.3750, -3.5210

Conversions

Conversions Part 2

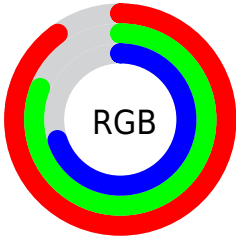
Format	Color
R _Y B	222, 229, 179
Decimal	15060659
CIE Lab	83.99, 3.83, 16.37
CIE LCh	84, 16.817, 76.820
Yxy	64.0553, 0.3507, 0.3593
Android (android.graphics.Color)	4293250739 (0xFFE5CEB3)
YUV	209.7990, -15.1839, 16.8393
Hunter-Lab	80.0346, -0.6182, 17.7241

Details

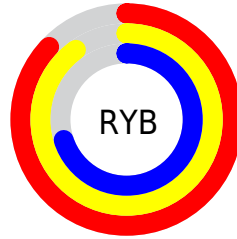
The Yxy color **64.0553, 0.3507, 0.3593** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.4717, 0.2780, 0.2967**, and the grayscale version is **64.4019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **32.8471, 0.3603, 0.3672** is the 20% darker color. If you saturate the color by 10%, you get **58.3054, 0.3716, 0.3739**, and if you desaturate by 10%, it is **70.3047, 0.3320, 0.3450**.

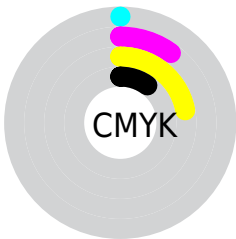
Distribution



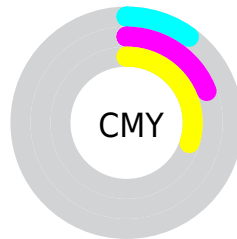
- Red (90%)
- Green (81%)
- Blue (70%)



- Red (87%)
- Yellow (90%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (10%)





- Cyan (10%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0553, 0.3507, 0.3593 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 64.0553, 0.3507, 0.3593 by changing the saturation by 10% instead.


 64.0553, 0.3507,
0.3593

 64.0553, 0.3507,
0.3593

439.3893, 0.3327,
0.3451

 46.6955, 0.3549,
0.3626


 110.6906, 0.3444,
0.3544

 32.7950, 0.3602,
0.3666


140.7348, 0.3419,
0.3524

 21.9694, 0.3670,
0.3717


175.7759, 0.3398,
0.3508

 13.8344, 0.3759,
0.3784

216.1984, 0.3380,
0.3494

 8.0056, 0.3883,
0.3875

262.3866, 0.3364,
0.3481

 4.0985, 0.4064,
0.4003

314.7249, 0.3350,

 1.7288, 0.4413,

0.3470

0.4253

373.5976, 0.3338,
0.3460

0.4422, 0.5375,
0.4625

0.0000, 0.0000,
0.0000

64.0553, 0.3507,
0.3593

64.0553, 0.3507,
0.3593

58.3054, 0.3716,
0.3739

70.3047, 0.3320,
0.3450

53.0320, 0.3946,
0.3883

77.0583, 0.3155,
0.3314

48.2230, 0.4195,
0.4016

84.3319, 0.3011,
0.3187

43.8623, 0.4453,
0.4129

91.0935, 0.2969,
0.3221

■ 39.9326, 0.4710,
0.4207

■ 95.4005, 0.2970,
0.3290

■ 36.4147, 0.4952,
0.4240

■ 33.2867, 0.5162,
0.4219

■ 31.0020, 0.5308,
0.4167

Harmonies

Analogous

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



64.0553, 0.3546, 0.3447



64.0553, 0.3507, 0.3593



64.0553, 0.3365, 0.3663

Triad

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



64.0553, 0.3507, 0.3593



64.0553, 0.2797, 0.3299



64.0553, 0.3081, 0.2980

Complementary

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



64.0553, 0.3507, 0.3593



57.4717, 0.2780, 0.2967

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.



64.0553, 0.2886, 0.2936



64.0553, 0.3507, 0.3593



64.0553, 0.2726, 0.3111

Square

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



64.0553, 0.3507, 0.3593



64.0553, 0.2955, 0.3492



64.0553, 0.2758, 0.2981



64.0553, 0.3295, 0.3100

Rectangle

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



64.0553, 0.3507, 0.3593



64.0553, 0.3233, 0.3652



64.0553, 0.2758, 0.2981



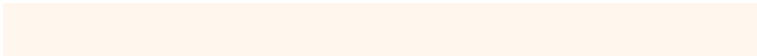
64.0553, 0.3011, 0.2956

Sweetspot

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



64.0582, 0.3507, 0.3593



93.7775, 0.3238, 0.3384



53.1691, 0.3369, 0.3029



19.9607, 0.3248, 0.3392



0.0000, 0.0000, 0.0000



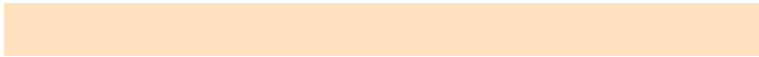
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0582, 0.3507, 0.3593



78.5084, 0.3594, 0.3656



75.6878, 0.3444, 0.3836



15.6513, 0.3279, 0.3417



17.9666, 0.5286, 0.4185



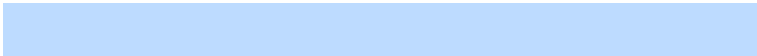
1.5131, 0.5083, 0.4346

Inverse Universe

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



57.4717, 0.2780, 0.2967



68.7613, 0.2708, 0.2894



47.6672, 0.2771, 0.2683



14.9738, 0.2981, 0.3160



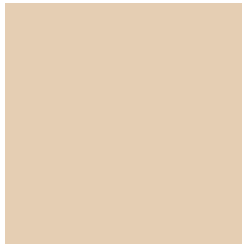
9.2813, 0.1736, 0.1451



0.8699, 0.1813, 0.1728

Previews

White Background



This preview shows how the Yxy color 64.0553, 0.3507, 0.3593 looks on a white background.

Color Contrast Check

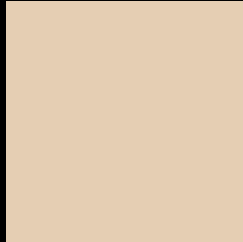
Large Text (above 18pt) WCAG AA × Fail

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 64.0553, 0.3507, 0.3593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

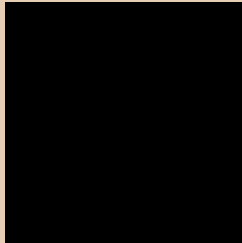
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

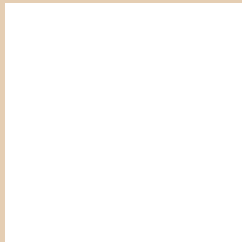
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0553, 0.3507, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 64.0553, 0.3507, 0.3593.



This preview shows how white text looks on a background with the Yxy color 64.0553, 0.3507, 0.3593.

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

64.0553, 0.3507, 0.3593

Protanopia

64.1119, 0.3421, 0.3622

Deuteranopia

64.0616, 0.3598, 0.3530



Tritanopia

64.2236, 0.3275, 0.3129

Trichromacy



Original Color

64.0553, 0.3507, 0.3593

Protanomaly

64.0950, 0.3447, 0.3608

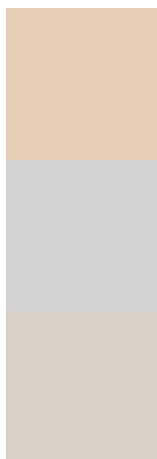
Deuteranomaly

63.8400, 0.3563, 0.3544

Tritanomaly

64.1795, 0.3354, 0.3291

Monochromacy



Original Color

64.0553, 0.3507, 0.3593

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.4762, 0.3259, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0553, 0.3507, 0.3593 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(229, 206, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 179)  
}
```

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(229, 206, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 179) }
```

Border

The CSS property to change the border of an element to Yxy 64.0553, 0.3507, 0.3593 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(229, 206, 179) }
```

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

```
.border{ border-color:rgb(229, 206, 179) }
```

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

Here you see how a box with a 4 pixel rgb(229, 206, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 206, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 206, 179);  
box-shadow:4px 4px 4px 4px rgb(229, 206,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0553, 0.3507, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 206, 179) }
```

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

```
.background{ background-color: rgb(229,  
206, 179) }
```

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