

Converting Colors

$Yxy(67.0885, 0.3588, 0.3760)$

Have a look what the booklet for
Yxy(67.0885, 0.3588, 0.3760)
contains.

Yxy(67.1073, 0.3590, 0.3766)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.1073, 0.3590, 0.3766)

Conversions

Conversions Part 1

Format	Color
Hex	E8D4A9
RGB	232, 212, 169
RGB Percent	91%, 83%, 66%
CMY	0.0904, 0.1685, 0.3373
CMYK	0.00, 0.09, 0.27, 0.09
HSL	41°, 58%, 79%
HSV	41°, 27%, 91%
XYZ	63.9711, 67.1073, 47.1141
YIQ	213.0780, 25.7230, -9.1330

Conversions

Conversions Part 2

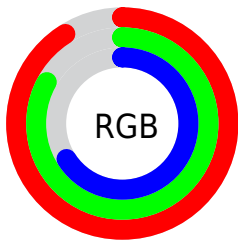
Format	Color
R _Y B	198, 232, 169
Decimal	15258793
CIE Lab	85.56, 0.43, 23.83
CIE LCh	86, 23.831, 88.969
Yxy	67.1073, 0.3590, 0.3766
Android (android.graphics.Color)	4293448873 (0xFFE8D4A9)
YUV	213.0780, -21.7305, 16.5946
Hunter-Lab	81.9190, -3.9665, 23.2439

Details

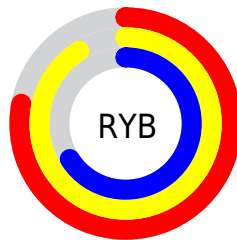
The Yxy color **67.1073, 0.3590, 0.3766** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.6198, 0.2680, 0.2763**, and the grayscale version is **66.7275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **34.9682, 0.3699, 0.3880** is the 20% darker color. If you saturate the color by 10%, you get **62.7267, 0.3786, 0.3946**, and if you desaturate by 10%, it is **71.8154, 0.3406, 0.3586**.

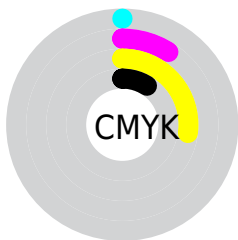
Distribution



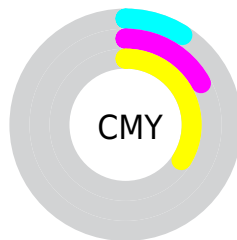
- Red (91%)
- Green (83%)
- Blue (66%)



- Red (78%)
- Yellow (91%)
- Blue (66%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (9%)




- Cyan (9%)
- Magenta (17%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1073, 0.3590, 0.3766 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 67.1073, 0.3590, 0.3766 by changing the saturation by 10% instead.


 67.1073, 0.3590,
0.3766

 67.1073, 0.3590,
0.3766


450.3266, 0.3374,
0.3544

 49.1718, 0.3640,
0.3817


 115.0741, 0.3515,
0.3689

 34.7558, 0.3701,
0.3879


145.8743, 0.3486,
0.3659

 23.4748, 0.3778,
0.3958


181.7315, 0.3460,
0.3633

 14.9445, 0.3878,
0.4060

223.0301, 0.3438,
0.3611

 8.7805, 0.4012,
0.4196

270.1545, 0.3419,
0.3591

 4.5983, 0.4197,
0.4384

323.4892, 0.3402,

 2.0135, 0.4650,

0.3573

0.4846

383.4184, 0.3387,
0.3558

0.6153, 0.4917,
0.5083

0.0000, 0.0000,
0.0000

67.1073, 0.3590,
0.3766

67.1073, 0.3590,
0.3766

62.7267, 0.3786,
0.3946

71.8154, 0.3406,
0.3586

58.6543, 0.3991,
0.4118

76.8517, 0.3238,
0.3410

54.8817, 0.4199,
0.4271

82.2283, 0.3085,
0.3243

51.3970, 0.4399,
0.4396

87.5100, 0.2987,
0.3153

■ 48.1865, 0.4583,
0.4480

■ 91.9541, 0.2987,
0.3227

■ 45.2348, 0.4741,
0.4516

■ 95.8875, 0.2987,
0.3290

■ 42.5221, 0.4867,
0.4501

■ 41.7825, 0.4900,
0.4492

Harmonies

Analogous

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



67.1073, 0.3711, 0.3593



67.1073, 0.3590, 0.3766



67.1073, 0.3346, 0.3814

Triad

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



67.1073, 0.3590, 0.3766



67.1073, 0.2615, 0.3185



67.1073, 0.3183, 0.2920

Complementary

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



67.1073, 0.3590, 0.3766



50.6198, 0.2680, 0.2763

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.



67.1073, 0.2892, 0.2814



67.1073, 0.3590, 0.3766



67.1073, 0.2575, 0.2951

Square

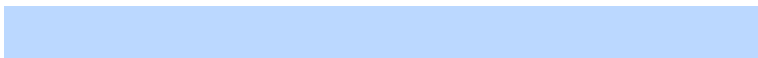
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1073, 0.3590, 0.3766



67.1073, 0.2786, 0.3467



67.1073, 0.2674, 0.2821



67.1073, 0.3470, 0.3114

Rectangle

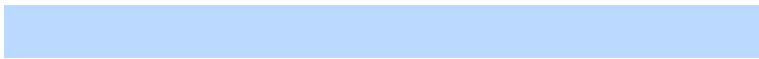
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.1073, 0.3590, 0.3766



67.1073, 0.3150, 0.3759



67.1073, 0.2674, 0.2821



67.1073, 0.3082, 0.2874

Sweetspot

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



67.1103, 0.3590, 0.3766



94.7040, 0.3252, 0.3426



49.1927, 0.3530, 0.3066



20.0639, 0.3277, 0.3452



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.



67.1103, 0.3590, 0.3766



79.8816, 0.3707, 0.3875



75.8293, 0.3452, 0.3987



16.0073, 0.3275, 0.3450



23.4429, 0.4885, 0.4503



1.8975, 0.4760, 0.4603

Inverse Universe

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



50.6198, 0.2680, 0.2763



56.0149, 0.2572, 0.2625



43.9653, 0.2742, 0.2528



14.6280, 0.2981, 0.3125



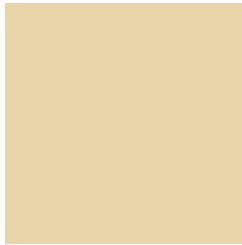
6.1117, 0.1623, 0.1041



0.6139, 0.1704, 0.1332

Previews

White Background



This preview shows how the Yxy color 67.1073, 0.3590, 0.3766 looks on a white background.

Color Contrast Check

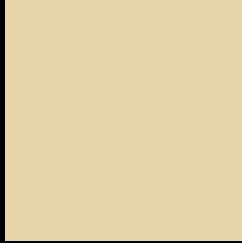
Large Text (above 18pt) WCAG AA × Fail

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 67.1073, 0.3590, 0.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

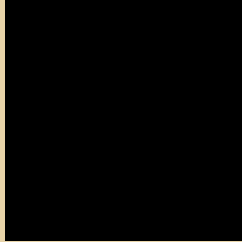
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

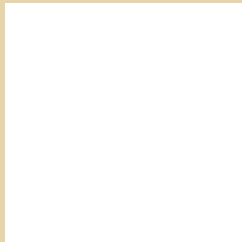
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1073, 0.3590, 0.3766

Background



This preview shows how black text looks on a background with the Yxy color 67.1073, 0.3590, 0.3766.



This preview shows how white text looks on a background with the Yxy color 67.1073, 0.3590, 0.3766.

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

67.1073, 0.3590, 0.3766

Protanopia

67.3263, 0.3538, 0.3782

Deuteranopia

66.7047, 0.3741, 0.3662



Tritanopia

67.0602, 0.3265, 0.3121

Trichromacy



Original Color

67.1073, 0.3590, 0.3766

Protanomaly

67.1488, 0.3556, 0.3769

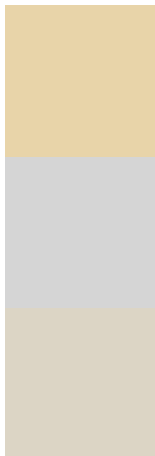
Deuteranomaly

67.0687, 0.3683, 0.3699

Tritanomaly

67.2089, 0.3385, 0.3356

Monochromacy



Original Color

67.1073, 0.3590, 0.3766

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.8354, 0.3291, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1073, 0.3590, 0.3766 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(232, 212, 169)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 169)  
}
```

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(232, 212, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 169) }
```

Border

The CSS property to change the border of an element to Yxy 67.1073, 0.3590, 0.3766 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(232, 212, 169) }
```

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

```
.border{ border-color:rgb(232, 212, 169) }
```

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

Here you see how a box with a 4 pixel rgb(232, 212, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 169);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1073, 0.3590, 0.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 169) }
```

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

```
.background{ background-color: rgb(232,  
212, 169) }
```

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