

Converting Colors

$Yxy(67.3980, 0.3601, 0.3956)$

Have a look what the booklet for
Yxy(67.3980, 0.3601, 0.3956)
contains.

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Color

Yxy(67.3933, 0.3601, 0.3954)

Conversions

Conversions Part 1

Format	Color
Hex	E0D89D
RGB	224, 216, 157
RGB Percent	88%, 85%, 62%
CMY	0.1217, 0.1529, 0.3843
CMYK	0.00, 0.04, 0.30, 0.12
HSL	53°, 52%, 75%
HSV	53°, 30%, 88%
XYZ	61.3766, 67.3933, 41.6734
YIQ	211.6660, 23.7070, -16.6530

Conversions

Conversions Part 2

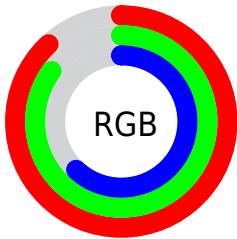
Format	Color
RYB	166, 224, 157
Decimal	14735517
CIELab	85.70, -6.20, 30.14
CIELCh	86, 30.769, 101.620
Yxy	67.3933, 0.3601, 0.3954
Android (android.graphics.Color)	4292925597 (0xFFE0D89D)
YUV	211.6660, -26.9503, 10.8169
Hunter-Lab	82.0934, -10.2090, 27.3678

Details

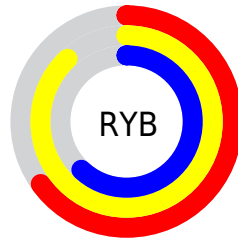
The Yxy color **67.3933, 0.3601, 0.3954** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.4480, 0.2612, 0.2525**, and the grayscale version is **65.7753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **34.8345, 0.3712, 0.4112** is the 20% darker color. If you saturate the color by 10%, you get **65.3465, 0.3765, 0.4173**, and if you desaturate by 10%, it is **69.6085, 0.3437, 0.3729**.

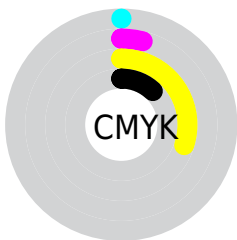
Distribution



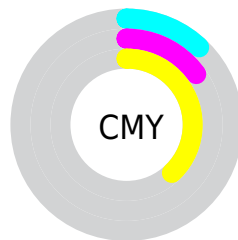
- Red (88%)
- Green (85%)
- Blue (62%)



- Red (65%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (30%)
- Black (12%)





- Cyan (12%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.3933, 0.3601, 0.3954 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 67.3933, 0.3601, 0.3954 by changing the saturation by 10% instead.


 67.3933, 0.3601,
0.3954


 67.3933, 0.3601,
0.3954


451.3434, 0.3383,
0.3641

 49.4043, 0.3650,
0.4026


 115.4838, 0.3526,
0.3845

 34.9403, 0.3709,
0.4115

 146.3541, 0.3497,
0.3802

 23.6169, 0.3781,
0.4228


182.2869, 0.3472,
0.3766

 15.0497, 0.3873,
0.4374

223.6668, 0.3449,
0.3734

 8.8543, 0.3990,
0.4568

270.8779, 0.3430,
0.3707

 4.6462, 0.4135,
0.4834

324.3048, 0.3413,

 2.0412, 0.4526,

0.3682

0.5474

384.3319, 0.3397,
0.3660

0.6313, 0.4155,
0.5845

0.0000, 0.0000,
0.0000

67.3933, 0.3601,
0.3954

67.3933, 0.3601,
0.3954

65.3465, 0.3765,
0.4173

69.6085, 0.3437,
0.3729

63.4512, 0.3924,
0.4377

71.9903, 0.3277,
0.3505

61.7021, 0.4070,
0.4555

74.5482, 0.3126,
0.3288

60.0895, 0.4196,
0.4698

77.2888, 0.2984,
0.3082

■ 58.6027, 0.4298,
0.4799

■ 79.2834, 0.2934,
0.3026

■ 57.2289, 0.4372,
0.4854

■ 80.7712, 0.2935,
0.3054

■ 55.9459, 0.4421,
0.4871

■ 82.2817, 0.2936,
0.3081

■ 55.9333, 0.4422,
0.4871

■ 83.8150, 0.2936,
0.3109

■ 85.3712, 0.2937,
0.3137

Harmonies

Analogous

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



67.3933, 0.3837, 0.3780



67.3933, 0.3601, 0.3954



67.3933, 0.3246, 0.3941

Triad

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



67.3933, 0.3601, 0.3954



67.3933, 0.2432, 0.3008



67.3933, 0.3359, 0.2913

Complementary

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



67.3933, 0.3601, 0.3954



39.4480, 0.2612, 0.2525

Split Complementary

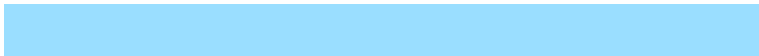
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.3933, 0.2973, 0.2728



67.3933, 0.3601, 0.3954



67.3933, 0.2457, 0.2765

Square

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



67.3933, 0.3601, 0.3954



67.3933, 0.2579, 0.3360



67.3933, 0.2648, 0.2671



67.3933, 0.3698, 0.3187

Rectangle

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



67.3933, 0.3601, 0.3954



67.3933, 0.2992, 0.3812



67.3933, 0.2648, 0.2671



67.3933, 0.3230, 0.2839

Sweetspot

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



67.3963, 0.3601, 0.3954



96.8804, 0.3264, 0.3486



42.7101, 0.3705, 0.3186



20.6324, 0.3287, 0.3519



0.0000, 0.0000, 0.0000



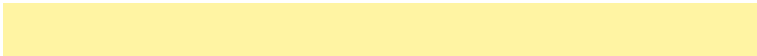
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3963, 0.3601, 0.3954



88.6645, 0.3706, 0.4095



67.9322, 0.3390, 0.4083



15.7367, 0.3270, 0.3495



32.6773, 0.4418, 0.4874



2.3447, 0.4379, 0.4905

Inverse Universe

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



39.4480, 0.2612, 0.2525



45.3439, 0.2486, 0.2331



39.3882, 0.2796, 0.2464



13.5044, 0.2981, 0.3077



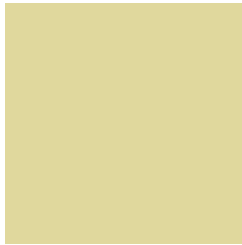
3.6660, 0.1525, 0.0690



0.3422, 0.1582, 0.0894

Previews

White Background



This preview shows how the Yxy color 67.3933, 0.3601, 0.3954 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 67.3933, 0.3601, 0.3954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

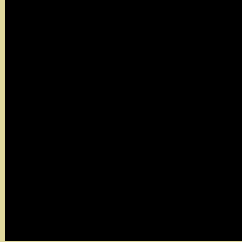
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

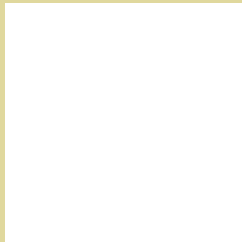
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.3933, 0.3601, 0.3954

Background



This preview shows how black text looks on a background with the Yxy color 67.3933, 0.3601, 0.3954.



This preview shows how white text looks on a background with the Yxy color 67.3933, 0.3601, 0.3954.

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

67.3933, 0.3601, 0.3954

Protanopia

67.3164, 0.3663, 0.3933

Deuteranopia

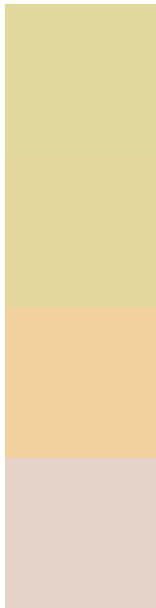
67.0485, 0.3859, 0.3772



Tritanopia

67.1633, 0.3196, 0.3109

Trichromacy



Original Color

67.3933, 0.3601, 0.3954

Protanomaly

67.4952, 0.3643, 0.3947

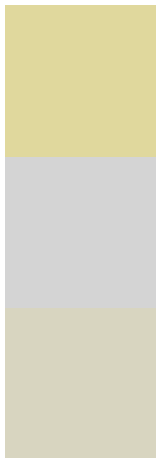
Deuteranomaly

66.9468, 0.3762, 0.3840

Tritanomaly

66.9213, 0.3343, 0.3400

Monochromacy



Original Color

67.3933, 0.3601, 0.3954

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9932, 0.3296, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3933, 0.3601, 0.3954 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(224, 216, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 157)  
}
```

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(224, 216, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 157) }
```

Border

The CSS property to change the border of an element to Yxy 67.3933, 0.3601, 0.3954 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(224, 216, 157) }
```

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

```
.border{ border-color:rgb(224, 216, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3933, 0.3601, 0.3954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 157) }
```

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

```
.background{ background-color: rgb(224,  
216, 157) }
```

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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