

Converting Colors

$Yxy(66.8874, 0.3660, 0.4045)$

Have a look what the booklet for
Yxy(66.8874, 0.3660, 0.4045)
contains.

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Color

Yxy(67.1290, 0.3657, 0.4043)

Conversions

Conversions Part 1

Format	Color
Hex	E0D895
RGB	224, 216, 149
RGB Percent	88%, 85%, 58%
CMY	0.1216, 0.1529, 0.4157
CMYK	0.00, 0.04, 0.33, 0.12
HSL	54°, 55%, 73%
HSV	54°, 33%, 88%
XYZ	60.7199, 67.1290, 38.1886
YIQ	210.7540, 26.2750, -19.1410

Conversions

Conversions Part 2

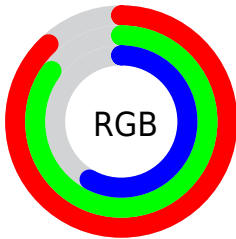
Format	Color
R _Y B	158, 224, 149
Decimal	14735509
CIE Lab	85.57, -7.17, 34.08
CIE LCh	86, 34.821, 101.884
Yxy	67.1290, 0.3657, 0.4043
Android (android.graphics.Color)	4292925589 (0xFFE0D895)
YUV	210.7540, -30.4447, 11.6167
Hunter-Lab	81.9323, -11.0953, 29.7175

Details

The Yxy color **67.1290, 0.3657, 0.4043** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.8801, 0.2540, 0.2404**, and the grayscale version is **65.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **34.6776, 0.3782, 0.4224** is the 20% darker color. If you saturate the color by 10%, you get **65.2703, 0.3818, 0.4260**, and if you desaturate by 10%, it is **69.1492, 0.3494, 0.3816**.

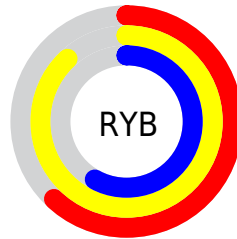
Distribution



Red (88%)

Green (85%)

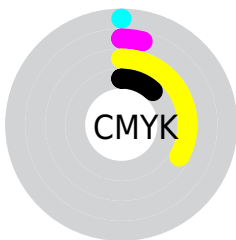
Blue (58%)



Red (62%)

Yellow (88%)

Blue (58%)

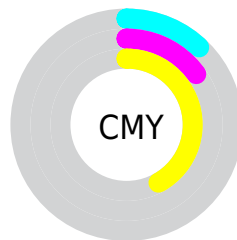


Cyan (0%)

Magenta (4%)

Yellow (33%)

Black (12%)



Cyan (12%)


Magenta (15%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.1290, 0.3657, 0.4043 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 67.1290, 0.3657, 0.4043 by changing the saturation by 10% instead.


 67.1290, 0.3657,
0.4043


 67.1290, 0.3657,
0.4043


450.4038, 0.3415,
0.3688

 49.1895, 0.3710,
0.4124


 115.1052, 0.3574,
0.3919

 34.7698, 0.3775,
0.4224


 145.9107, 0.3542,
0.3871

 23.4856, 0.3853,
0.4350


181.7737, 0.3514,
0.3830

 14.9525, 0.3950,
0.4512

223.0784, 0.3489,
0.3794

 8.7860, 0.4069,
0.4724

270.2094, 0.3467,
0.3763

 4.6019, 0.4219,
0.5018

323.5511, 0.3448,

 2.0156, 0.4469,

0.3735

383.4877, 0.3431,
0.3710

0.5531

0.6165, 0.4000,
0.6000

0.0000, 0.0000,
0.0000

67.1290, 0.3657,
0.4043

67.1290, 0.3657,
0.4043

65.2703, 0.3818,
0.4260

69.1492, 0.3494,
0.3816

63.5558, 0.3969,
0.4457

71.3290, 0.3333,
0.3588

61.9799, 0.4106,
0.4625

73.6784, 0.3179,
0.3366

60.5328, 0.4220,
0.4755

76.2038, 0.3034,
0.3152

■ 59.2029, 0.4308,
0.4841

■ 78.5189, 0.2934,
0.3011

■ 57.9765, 0.4368,
0.4883

■ 79.8403, 0.2935,
0.3036

■ 57.2185, 0.4396,
0.4891

■ 81.1799, 0.2935,
0.3061

■ 82.5378, 0.2936,
0.3086

■ 83.9140, 0.2936,
0.3111

Harmonies

Analogous

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



67.1290, 0.3928, 0.3841



67.1290, 0.3657, 0.4043



67.1290, 0.3253, 0.4032

Triad

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



67.1290, 0.3657, 0.4043



67.1290, 0.2346, 0.2964



67.1290, 0.3393, 0.2868

Complementary

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



67.1290, 0.3657, 0.4043



35.8801, 0.2540, 0.2404

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.



67.1290, 0.2954, 0.2661



67.1290, 0.3657, 0.4043



67.1290, 0.2375, 0.2694

Square

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



67.1290, 0.3657, 0.4043



67.1290, 0.2507, 0.3363



67.1290, 0.2589, 0.2595



67.1290, 0.3777, 0.3174

Rectangle

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



67.1290, 0.3657, 0.4043



67.1290, 0.2968, 0.3884



67.1290, 0.2589, 0.2595



67.1290, 0.3245, 0.2786

Sweetspot

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



67.1321, 0.3657, 0.4043



96.7443, 0.3280, 0.3512



39.8006, 0.3816, 0.3188



20.6134, 0.3302, 0.3543



0.0000, 0.0000, 0.0000



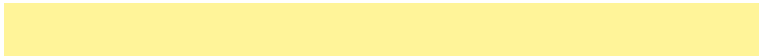
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1321, 0.3657, 0.4043



88.3427, 0.3767, 0.4192



67.1140, 0.3410, 0.4188



15.7670, 0.3270, 0.3498



33.4087, 0.4393, 0.4894



2.3882, 0.4358, 0.4922

Inverse Universe

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



35.8801, 0.2540, 0.2404



40.4949, 0.2402, 0.2189



36.3107, 0.2758, 0.2356



13.4771, 0.2981, 0.3074



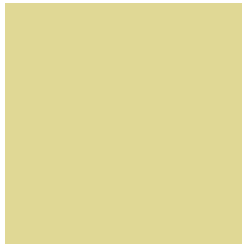
3.5897, 0.1522, 0.0678



0.3292, 0.1574, 0.0865

Previews

White Background



This preview shows how the Yxy color 67.1290, 0.3657, 0.4043 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 67.1290, 0.3657, 0.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

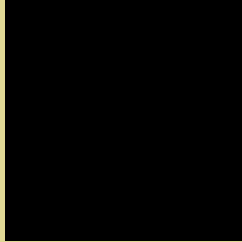
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

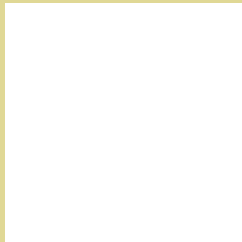
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1290, 0.3657, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 67.1290, 0.3657, 0.4043.



This preview shows how white text looks on a background with the Yxy color 67.1290, 0.3657, 0.4043.

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

67.1290, 0.3657, 0.4043

Protanopia

67.2202, 0.3727, 0.4019

Deuteranopia

66.9678, 0.3928, 0.3852



Tritanopia

67.2770, 0.3210, 0.3120

Trichromacy



Original Color

67.1290, 0.3657, 0.4043

Protanomaly

67.2330, 0.3699, 0.4035

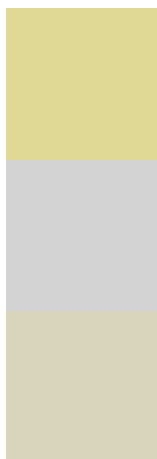
Deuteranomaly

66.8576, 0.3829, 0.3923

Tritanomaly

66.9017, 0.3380, 0.3445

Monochromacy



Original Color

67.1290, 0.3657, 0.4043

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8183, 0.3324, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1290, 0.3657, 0.4043 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 149) }
```

Border

The CSS property to change the border of an element to Yxy 67.1290, 0.3657, 0.4043 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, 149) }
```

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

```
.border{ border-color:rgb(224, 216, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 149);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1290, 0.3657, 0.4043 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, 149) }
```

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

```
.background{ background-color: rgb(224,  
216, 149) }
```

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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