

Converting Colors

$Yxy(66.6434, 0.3640, 0.3916)$

Have a look what the booklet for
Yxy(66.6434, 0.3640, 0.3916)
contains.

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Color

Yxy(66.5168, 0.3643, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	E4D59D
RGB	228, 213, 157
RGB Percent	89%, 84%, 62%
CMY	0.1058, 0.1647, 0.3844
CMYK	0.00, 0.07, 0.31, 0.11
HSL	47°, 57%, 75%
HSV	47°, 31%, 89%
XYZ	61.8796, 66.5168, 41.4626
YIQ	211.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

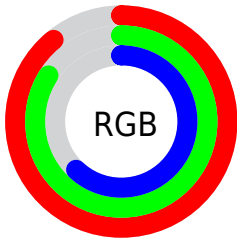
Format	Color
RYB	176, 228, 157
Decimal	14996893
CIELab	85.26, -3.11, 29.62
CIELCh	85, 29.783, 95.997
Yxy	66.5168, 0.3643, 0.3916
Android (android.graphics.Color)	4293186973 (0xFFE4D59D)
YUV	211.1010, -26.6718, 14.8204
Hunter-Lab	81.5578, -7.2945, 26.9485

Details

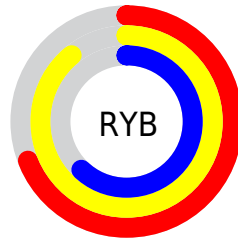
The Yxy color **66.5168, 0.3643, 0.3916** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.2743, 0.2597, 0.2574**, and the grayscale version is **65.3803, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **34.2443, 0.3770, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **63.4219, 0.3824, 0.4116**, and if you desaturate by 10%, it is **69.8353, 0.3467, 0.3711**.

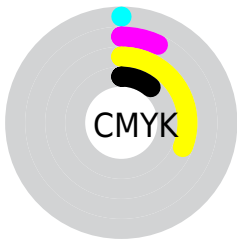
Distribution



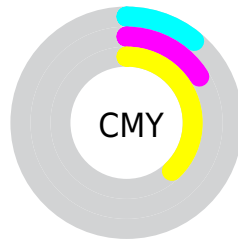
- Red (89%)
- Green (84%)
- Blue (62%)



- Red (69%)
- Yellow (89%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (11%)





- Cyan (11%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5168, 0.3643, 0.3916 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 66.5168, 0.3643, 0.3916 by changing the saturation by 10% instead.


 66.5168, 0.3643,
0.3916


 66.5168, 0.3643,
0.3916


448.2229, 0.3404,
0.3622

 48.6920, 0.3697,
0.3983


 114.2278, 0.3560,
0.3814

 34.3753, 0.3763,
0.4066


 144.8828, 0.3528,
0.3774

 23.1820, 0.3845,
0.4171


180.5833, 0.3500,
0.3740

 14.7280, 0.3949,
0.4305

221.7138, 0.3476,
0.3710

 8.6287, 0.4083,
0.4483

268.6586, 0.3455,
0.3684

 4.4998, 0.4256,
0.4722

321.8021, 0.3436,

 1.9569, 0.4698,

0.3661

381.5287, 0.3419,
0.3641

0.5302

0.5822, 0.4506,
0.5494

0.0000, 0.0000,
0.0000

66.5168, 0.3643,
0.3916

66.5168, 0.3643,
0.3916

63.4219, 0.3824,
0.4116

69.8353, 0.3467,
0.3711

60.5327, 0.4003,
0.4301

73.3764, 0.3300,
0.3508

57.8428, 0.4174,
0.4463

77.1506, 0.3144,
0.3312

55.3417, 0.4329,
0.4589

81.1651, 0.3001,
0.3127

■ 53.0171, 0.4460,
0.4672

■ 84.3539, 0.2962,
0.3108

■ 50.8550, 0.4562,
0.4708

■ 87.1864, 0.2962,
0.3158

■ 49.0585, 0.4631,
0.4705

■ 90.0948, 0.2963,
0.3207

■ 93.0794, 0.2964,
0.3255

■ 95.2387, 0.2964,
0.3290

Harmonies

Analogous

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



66.5168, 0.3840, 0.3722



66.5168, 0.3643, 0.3916



66.5168, 0.3312, 0.3940

Triad

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



66.5168, 0.3643, 0.3916



66.5168, 0.2465, 0.3075



66.5168, 0.3283, 0.2881

Complementary

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



66.5168, 0.3643, 0.3916



42.2743, 0.2597, 0.2574

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.



66.5168, 0.2911, 0.2722



66.5168, 0.3643, 0.3916



66.5168, 0.2457, 0.2813

Square

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



66.5168, 0.3643, 0.3916



66.5168, 0.2638, 0.3427



66.5168, 0.2615, 0.2693



66.5168, 0.3629, 0.3136

Rectangle

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



66.5168, 0.3643, 0.3916



66.5168, 0.3065, 0.3840



66.5168, 0.2615, 0.2693



66.5168, 0.3156, 0.2815

Sweetspot

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



66.5198, 0.3643, 0.3916



95.5507, 0.3266, 0.3466



43.5959, 0.3680, 0.3113



20.3029, 0.3290, 0.3495



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.



66.5198, 0.3643, 0.3916



83.2620, 0.3752, 0.4038



71.3308, 0.3445, 0.4108



16.2724, 0.3273, 0.3474



28.4983, 0.4623, 0.4711



2.2357, 0.4548, 0.4771

Inverse Universe

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



42.2743, 0.2597, 0.2574



47.6490, 0.2481, 0.2407



39.0670, 0.2731, 0.2413



14.3787, 0.2980, 0.3099



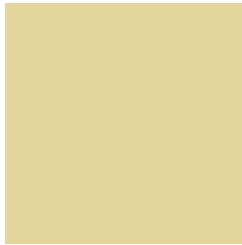
4.6052, 0.1561, 0.0820



0.4735, 0.1634, 0.1083

Previews

White Background



This preview shows how the Yxy color 66.5168, 0.3643, 0.3916 looks on a white background.

Color Contrast Check

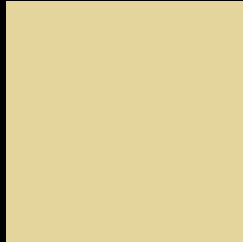
Large Text (above 18pt) WCAG AA × Fail

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 66.5168, 0.3643, 0.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

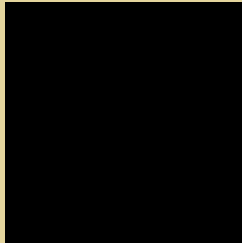
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

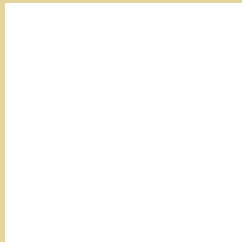
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5168, 0.3643, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 66.5168, 0.3643, 0.3916.



This preview shows how white text looks on a background with the Yxy color 66.5168, 0.3643, 0.3916.

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

66.5168, 0.3643, 0.3916

Protanopia

66.6808, 0.3651, 0.3914

Deuteranopia

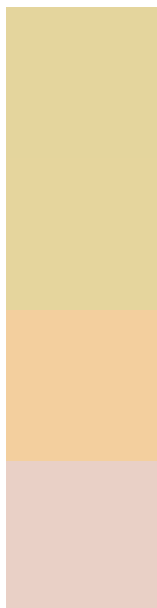
66.1982, 0.3846, 0.3765



Tritanopia

66.7160, 0.3249, 0.3120

Trichromacy



Original Color

66.5168, 0.3643, 0.3916

Protanomaly

66.6808, 0.3651, 0.3914

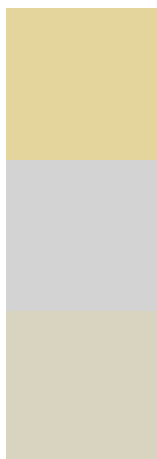
Deuteranomaly

66.1490, 0.3777, 0.3818

Tritanomaly

66.5126, 0.3392, 0.3400

Monochromacy



Original Color

66.5168, 0.3643, 0.3916

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6003, 0.3312, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5168, 0.3643, 0.3916 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(228, 213, 157)` looks like.

```
.text, #text, p{  
    color:rgb(228, 213, 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(228, 213, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 213, 157) }
```

Border

The CSS property to change the border of an element to Yxy 66.5168, 0.3643, 0.3916 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(228, 213, 157) }
```

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

```
.border{ border-color:rgb(228, 213, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 213, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 213, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 213, 157);  
box-shadow:4px 4px 4px 4px rgb(228, 213,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5168, 0.3643, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 213, 157) }
```

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

```
.background{ background-color: rgb(228,  
213, 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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