

Converting Colors

Yxy(69.6011, 0.3610, 0.3814)

Have a look what the booklet for
Yxy(69.6011, 0.3610, 0.3814)
contains.

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Color

Yxy(69.6011, 0.3610, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	EBD8A8
RGB	235, 216, 168
RGB Percent	92%, 85%, 66%
CMY	0.0785, 0.1529, 0.3412
CMYK	0.00, 0.08, 0.29, 0.08
HSL	43°, 63%, 79%
HSV	43°, 29%, 92%
XYZ	65.8783, 69.6011, 47.0090
YIQ	216.2090, 26.7320, -10.9000

Conversions

Conversions Part 2

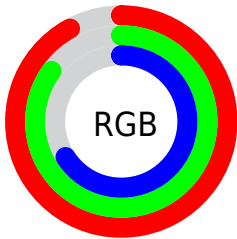
Format	Color
RYB	195, 235, 168
Decimal	15456424
CIELab	86.80, -0.62, 26.08
CIELCh	87, 26.090, 91.352
Yxy	69.6011, 0.3610, 0.3814
Android (android.graphics.Color)	4293646504 (0xFFEBD8A8)
YUV	216.2090, -23.7670, 16.4797
Hunter-Lab	83.4273, -5.0452, 24.9908

Details

The Yxy color **69.6011, 0.3610, 0.3814** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8468, 0.2652, 0.2704**, and the grayscale version is **68.9707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **36.2157, 0.3716, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **65.4659, 0.3802, 0.4001**, and if you desaturate by 10%, it is **74.0388, 0.3428, 0.3625**.

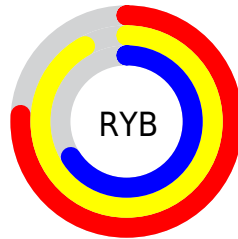
Distribution



Red (92%)

Green (85%)

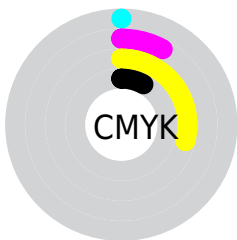
Blue (66%)



Red (76%)

Yellow (92%)

Blue (66%)

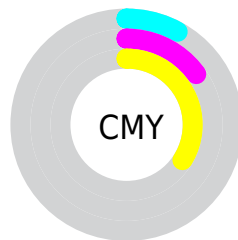


Cyan (0%)

Magenta (8%)

Yellow (29%)

Black (8%)



Cyan (8%)


Magenta (15%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.6011, 0.3610, 0.3814 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 69.6011, 0.3610, 0.3814 by changing the saturation by 10% instead.


 69.6011, 0.3610,
0.3814

 69.6011, 0.3610,
0.3814


459.1482, 0.3386,
0.3571

 51.2014, 0.3661,
0.3869


 118.6397, 0.3533,
0.3730

 36.3689, 0.3723,
0.3937


 150.0474, 0.3503,
0.3697

 24.7193, 0.3800,
0.4022


186.5599, 0.3477,
0.3669

 15.8680, 0.3900,
0.4132

228.5616, 0.3454,
0.3644

 9.4308, 0.4032,
0.4277

276.4369, 0.3434,
0.3622

 5.0232, 0.4210,
0.4474

330.5701, 0.3416,

 2.2609, 0.4627,

0.3603

0.4933

391.3458, 0.3401,
0.3586

0.7529, 0.4820,
0.5180

0.0000, 0.0000,
0.0000

69.6011, 0.3610,
0.3814

69.6011, 0.3610,
0.3814

65.4659, 0.3802,
0.4001

74.0388, 0.3428,
0.3625

61.6137, 0.4000,
0.4178

78.7791, 0.3259,
0.3441

58.0367, 0.4196,
0.4334

83.8340, 0.3105,
0.3264

54.7227, 0.4382,
0.4460

88.7533, 0.3005,
0.3166

■ 51.6583, 0.4549,
0.4543

■ 92.7990, 0.3005,
0.3233

■ 48.8278, 0.4688,
0.4578

■ 96.3977, 0.3005,
0.3290

■ 46.2093, 0.4796,
0.4565

■ 45.8307, 0.4811,
0.4562

Harmonies

Analogous

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



69.6011, 0.3754, 0.3633



69.6011, 0.3610, 0.3814



69.6011, 0.3338, 0.3856

Triad

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



69.6011, 0.3610, 0.3814



69.6011, 0.2566, 0.3152



69.6011, 0.3212, 0.2906

Complementary

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



69.6011, 0.3610, 0.3814



49.8468, 0.2652, 0.2704

Split Complementary

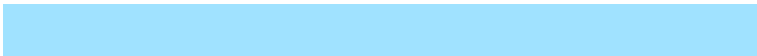
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6011, 0.2895, 0.2783



69.6011, 0.3610, 0.3814



69.6011, 0.2536, 0.2907

Square

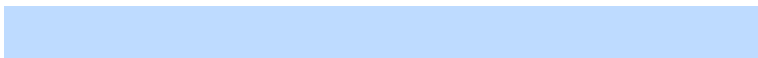
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6011, 0.3610, 0.3814



69.6011, 0.2739, 0.3457



69.6011, 0.2653, 0.2779



69.6011, 0.3520, 0.3119

Rectangle

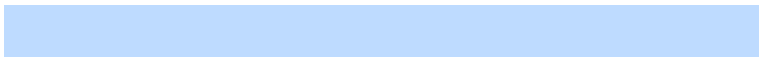
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6011, 0.3610, 0.3814



69.6011, 0.3125, 0.3787



69.6011, 0.2653, 0.2779



69.6011, 0.3103, 0.2853

Sweetspot

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



69.6043, 0.3610, 0.3814



94.5335, 0.3268, 0.3450



49.2514, 0.3577, 0.3079



20.0512, 0.3292, 0.3477



0.0000, 0.0000, 0.0000



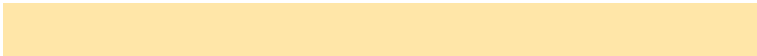
21.4041, 0.3127, 0.3290

Same Dimension

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



69.6043, 0.3610, 0.3814



80.9459, 0.3718, 0.3920



77.5169, 0.3452, 0.4028



16.8644, 0.3275, 0.3458



25.7407, 0.4799, 0.4571



2.1832, 0.4696, 0.4654

Inverse Universe

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



49.8468, 0.2652, 0.2704



53.6490, 0.2549, 0.2566



44.0112, 0.2736, 0.2487



15.2433, 0.2980, 0.3116



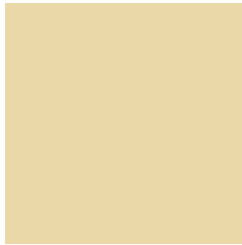
5.7282, 0.1600, 0.0961



0.6083, 0.1675, 0.1230

Previews

White Background



This preview shows how the Yxy color 69.6011, 0.3610, 0.3814 looks on a white background.

Color Contrast Check

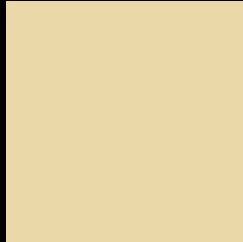
Large Text (above 18pt) WCAG AA × Fail

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 69.6011, 0.3610, 0.3814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

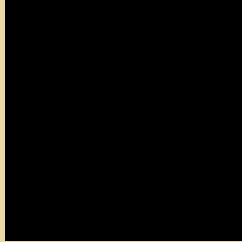
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

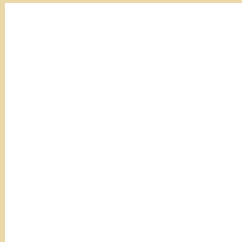
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.6011, 0.3610, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 69.6011, 0.3610, 0.3814.



This preview shows how white text looks on a background with the Yxy color 69.6011, 0.3610, 0.3814.

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

69.6011, 0.3610, 0.3814

Protanopia

69.6087, 0.3584, 0.3829

Deuteranopia

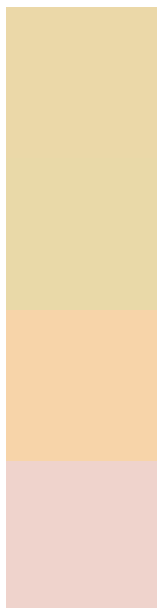
69.5363, 0.3776, 0.3707



Tritanopia

69.4252, 0.3263, 0.3113

Trichromacy



Original Color

69.6011, 0.3610, 0.3814

Protanomaly

69.7765, 0.3592, 0.3827

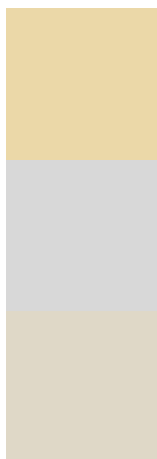
Deuteranomaly

69.7257, 0.3710, 0.3746

Tritanomaly

69.2989, 0.3389, 0.3365

Monochromacy



Original Color

69.6011, 0.3610, 0.3814

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9232, 0.3296, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.6011, 0.3610, 0.3814 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(235, 216, 168)` looks like.

```
.text, #text, p{  
    color:rgb(235, 216, 168)  
}
```

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(235, 216, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 216, 168) }
```

Border

The CSS property to change the border of an element to Yxy 69.6011, 0.3610, 0.3814 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(235, 216, 168) }
```

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

```
.border{ border-color:rgb(235, 216, 168) }
```

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

Here you see how a box with a 4 pixel rgb(235, 216, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 216, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 216, 168);  
box-shadow:4px 4px 4px 4px rgb(235, 216,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 69.6011, 0.3610, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 216, 168) }
```

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

```
.background{ background-color: rgb(235,  
216, 168) }
```

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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