

Converting Colors

$Yxy(69.1500, 0.3440, 0.3617)$

Have a look what the booklet for
Yxy(69.1500, 0.3440, 0.3617)
contains.

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Color

Yxy(69.4799, 0.3442, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	E6D8BA
RGB	230, 216, 186
RGB Percent	90%, 85%, 73%
CMY	0.0979, 0.1530, 0.2705
CMYK	0.00, 0.06, 0.19, 0.10
HSL	41°, 47%, 82%
HSV	41°, 19%, 90%
XYZ	66.0635, 69.4799, 56.3900
YIQ	216.7660, 17.9740, -6.3620

Conversions

Conversions Part 2

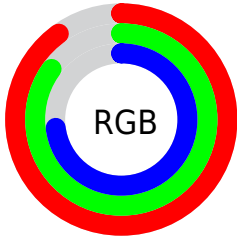
Format	Color
RYP	207, 230, 186
Decimal	15128762
CIELab	86.74, 0.06, 16.53
CIElCh	87, 16.528, 89.807
Yxy	69.4799, 0.3442, 0.3620
Android (android.graphics.Color)	4293318842 (0xFFE6D8BA)
YUV	216.7660, -15.1676, 11.6062
Hunter-Lab	83.3546, -4.3987, 18.2381

Details

The Yxy color **69.4799, 0.3442, 0.3620** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.4966, 0.2820, 0.2937**, and the grayscale version is **69.3218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.1819, 0.3515, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **64.9033, 0.3629, 0.3800**, and if you desaturate by 10%, it is **74.3884, 0.3270, 0.3444**.

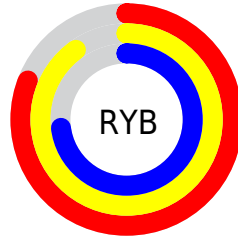
Distribution



Red (90%)

Green (85%)

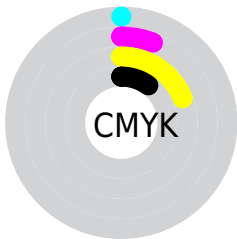
Blue (73%)



Red (81%)

Yellow (90%)

Blue (73%)

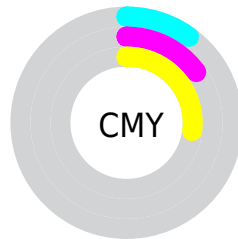


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (10%)



Cyan (10%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4799, 0.3442, 0.3620 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 69.4799, 0.3442, 0.3620 by changing the saturation by 10% instead.


 69.4799, 0.3442,
0.3620

 69.4799, 0.3442,
0.3620


458.7217, 0.3295,
0.3466

 51.1026, 0.3476,
0.3655


 118.4668, 0.3391,
0.3566

 36.2903, 0.3517,
0.3699


149.8451, 0.3371,
0.3546

 24.6585, 0.3570,
0.3754


186.3260, 0.3354,
0.3528

 15.8228, 0.3639,
0.3827

228.2938, 0.3339,
0.3512

 9.3988, 0.3734,
0.3925

276.1329, 0.3326,
0.3499

 5.0022, 0.3868,
0.4066

330.2276, 0.3315,

 2.2486, 0.4075,

0.3487

0.4282

390.9624, 0.3304,
0.3476

0.7463, 0.4878,
0.5122

0.0000, 0.0000,
0.0000

69.4799, 0.3442,
0.3620

69.4799, 0.3442,
0.3620

64.9033, 0.3629,
0.3800

74.3884, 0.3270,
0.3444

60.6395, 0.3828,
0.3978

79.6286, 0.3114,
0.3276

56.6814, 0.4034,
0.4147

85.2106, 0.2974,
0.3118

53.0177, 0.4242,
0.4295

89.5745, 0.2975,
0.3193

■ 49.6362, 0.4441,
0.4412

■ 94.1147, 0.2976,
0.3267

■ 46.5233, 0.4621,
0.4487

■ 95.5704, 0.2976,
0.3290

■ 43.6632, 0.4774,
0.4512

■ 41.0325, 0.4896,
0.4489

■ 40.8147, 0.4907,
0.4486

Harmonies

Analogous

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



69.4799, 0.3525, 0.3507



69.4799, 0.3442, 0.3620



69.4799, 0.3275, 0.3645

Triad

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



69.4799, 0.3442, 0.3620



69.4799, 0.2770, 0.3217



69.4799, 0.3173, 0.3035

Complementary

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



69.4799, 0.3442, 0.3620



57.4966, 0.2820, 0.2937

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.



69.4799, 0.2972, 0.2959



69.4799, 0.3442, 0.3620



69.4799, 0.2744, 0.3056

Square

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



69.4799, 0.3442, 0.3620



69.4799, 0.2888, 0.3406



69.4799, 0.2817, 0.2965



69.4799, 0.3367, 0.3174

Rectangle

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



69.4799, 0.3442, 0.3620



69.4799, 0.3140, 0.3603



69.4799, 0.2817, 0.2965



69.4799, 0.3104, 0.3001

Sweetspot

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



69.4830, 0.3442, 0.3620



95.9770, 0.3220, 0.3391



56.1565, 0.3381, 0.3127



20.4513, 0.3231, 0.3402



0.0000, 0.0000, 0.0000



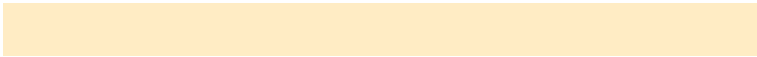
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4830, 0.3442, 0.3620



85.4134, 0.3515, 0.3692



75.8058, 0.3361, 0.3774



16.0006, 0.3275, 0.3449



23.3267, 0.4892, 0.4497



1.8895, 0.4765, 0.4598

Inverse Universe

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



57.4966, 0.2820, 0.2937



67.6396, 0.2751, 0.2853



52.2230, 0.2864, 0.2774



14.6343, 0.2981, 0.3125



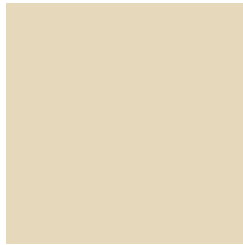
6.1584, 0.1625, 0.1048



0.6179, 0.1705, 0.1339

Previews

White Background



This preview shows how the Yxy color 69.4799, 0.3442, 0.3620 looks on a white background.

Color Contrast Check

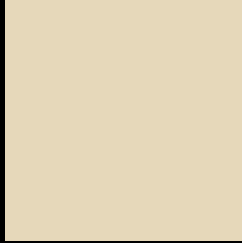
Large Text (above 18pt) WCAG AA × Fail

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 69.4799, 0.3442, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

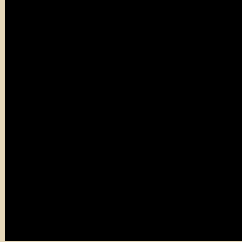
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4799, 0.3442, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 69.4799, 0.3442, 0.3620.



This preview shows how white text looks on a background with the Yxy color 69.4799, 0.3442, 0.3620.

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

69.4799, 0.3442, 0.3620

Protanopia

69.6649, 0.3424, 0.3633

Deuteranopia

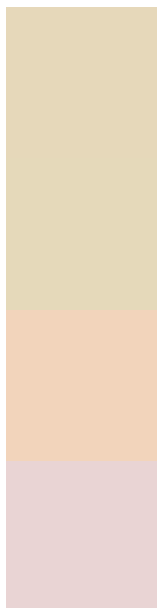
69.3285, 0.3599, 0.3522



Tritanopia

69.3014, 0.3195, 0.3111

Trichromacy



Original Color

69.4799, 0.3442, 0.3620

Protanomaly

69.8289, 0.3432, 0.3632

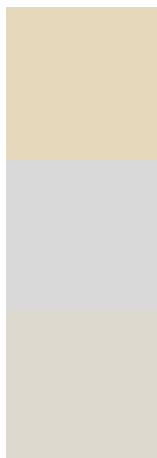
Deuteranomaly

69.5521, 0.3537, 0.3558

Tritanomaly

69.1641, 0.3284, 0.3290

Monochromacy



Original Color

69.4799, 0.3442, 0.3620

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.6115, 0.3239, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4799, 0.3442, 0.3620 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(230, 216, 186)` looks like.

```
.text, #text, p{  
    color:rgb(230, 216, 186)  
}
```

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(230, 216, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 216, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.4799, 0.3442, 0.3620 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(230, 216, 186) }
```

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

```
.border{ border-color:rgb(230, 216, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 216, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 216, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 216, 186); box-shadow:4px 4px 4px 4px rgb(230, 216, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4799, 0.3442, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 216, 186) }
```

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

```
.background{ background-color: rgb(230,  
216, 186) }
```

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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