

Converting Colors

$Yxy(70.0064, 0.3453, 0.3665)$

Have a look what the booklet for
Yxy(70.0064, 0.3453, 0.3665)
contains.

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Color

Yxy(69.7026, 0.3453, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	E5D9B7
RGB	229, 217, 183
RGB Percent	90%, 85%, 72%
CMY	0.1020, 0.1490, 0.2822
CMYK	0.00, 0.05, 0.20, 0.10
HSL	44°, 47%, 81%
HSV	44°, 20%, 90%
XYZ	65.6707, 69.7026, 54.8112
YIQ	216.7120, 18.0660, -8.0300

Conversions

Conversions Part 2

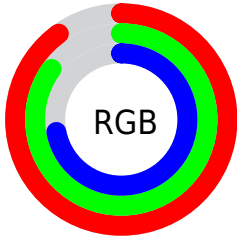
Format	Color
R _Y B	199, 229, 183
Decimal	15063479
CIE Lab	86.85, -1.30, 18.23
CIE LCh	87, 18.276, 94.068
Yxy	69.7026, 0.3453, 0.3665
Android (android.graphics.Color)	4293253559 (0xFFE5D9B7)
YUV	216.7120, -16.6200, 10.7766
Hunter-Lab	83.4881, -5.6983, 19.5169

Details

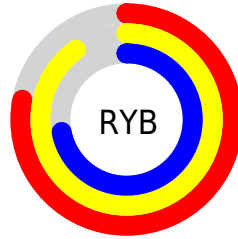
The Yxy color **69.7026, 0.3453, 0.3665** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7596, 0.2802, 0.2885**, and the grayscale version is **69.2887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **36.3366, 0.3529, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **65.8083, 0.3634, 0.3859**, and if you desaturate by 10%, it is **73.8694, 0.3284, 0.3474**.

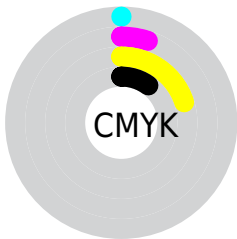
Distribution



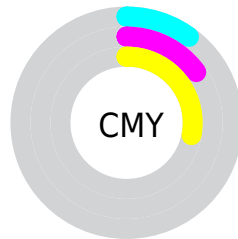
- Red (90%)
- Green (85%)
- Blue (72%)



- Red (78%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (10%)





- Cyan (10%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7026, 0.3453, 0.3665 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 69.7026, 0.3453, 0.3665 by changing the saturation by 10% instead.

 69.7026, 0.3453,
0.3665

 69.7026, 0.3453,
0.3665


459.5051, 0.3302,
0.3490

 51.2841, 0.3488,
0.3705


 118.7845, 0.3400,
0.3604

 36.4348, 0.3530,
0.3755

150.2168, 0.3380,
0.3580

 24.7702, 0.3584,
0.3818


186.7558, 0.3362,
0.3560

 15.9059, 0.3655,
0.3901

228.7858, 0.3347,
0.3542

 9.4576, 0.3750,
0.4013

276.6914, 0.3334,
0.3527

 5.0408, 0.3884,
0.4174

330.8569, 0.3322,

 2.2712, 0.4095,

0.3513

0.4429

391.6666, 0.3311,
0.3501

0.7584, 0.4761,
0.5239

0.0000, 0.0000,
0.0000

69.7026, 0.3453,
0.3665

69.7026, 0.3453,
0.3665

65.8083, 0.3634,
0.3859

73.8694, 0.3284,
0.3474

62.1686, 0.3823,
0.4049

78.3075, 0.3128,
0.3291

58.7771, 0.4015,
0.4228

83.0277, 0.2986,
0.3118

55.6240, 0.4203,
0.4384

86.7078, 0.2968,
0.3147

■ 52.6980, 0.4378,
0.4508

■ 90.2947, 0.2969,
0.3208

■ 49.9865, 0.4531,
0.4588

■ 93.9983, 0.2969,
0.3268

■ 47.4750, 0.4656,
0.4620

■ 95.3944, 0.2970,
0.3290

■ 45.1530, 0.4752,
0.4609

Harmonies

Analogous

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



69.7026, 0.3561, 0.3551



69.7026, 0.3453, 0.3665



69.7026, 0.3259, 0.3678

Triad

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



69.7026, 0.3453, 0.3665



69.7026, 0.2723, 0.3180



69.7026, 0.3210, 0.3028

Complementary

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



69.7026, 0.3453, 0.3665



54.7596, 0.2802, 0.2885

Split Complementary

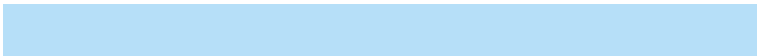
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.7026, 0.2985, 0.2933



69.7026, 0.3453, 0.3665



69.7026, 0.2710, 0.3012

Square

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



69.7026, 0.3453, 0.3665



69.7026, 0.2840, 0.3389



69.7026, 0.2804, 0.2925



69.7026, 0.3418, 0.3187

Rectangle

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



69.7026, 0.3453, 0.3665



69.7026, 0.3109, 0.3621



69.7026, 0.2804, 0.2925



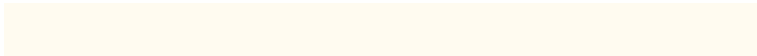
69.7026, 0.3133, 0.2987

Sweetspot

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



69.7057, 0.3453, 0.3665



96.5368, 0.3219, 0.3399



54.4894, 0.3421, 0.3153



20.5838, 0.3230, 0.3412



0.0000, 0.0000, 0.0000



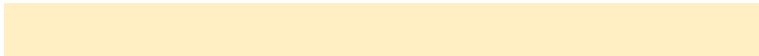
21.4041, 0.3127, 0.3290

Same Dimension

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



69.7057, 0.3453, 0.3665



86.9127, 0.3525, 0.3744



74.3921, 0.3350, 0.3802



16.1483, 0.3274, 0.3463



26.0270, 0.4741, 0.4617



2.0718, 0.4644, 0.4695

Inverse Universe

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



54.7596, 0.2802, 0.2885



64.6291, 0.2730, 0.2790



50.9748, 0.2873, 0.2750



14.4945, 0.2981, 0.3111



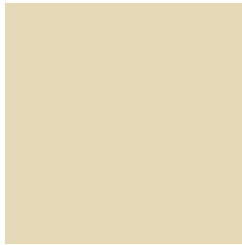
5.2277, 0.1587, 0.0914



0.5342, 0.1665, 0.1194

Previews

White Background



This preview shows how the Yxy color 69.7026, 0.3453, 0.3665 looks on a white background.

Color Contrast Check

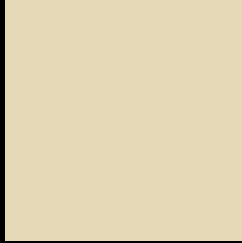
Large Text (above 18pt) WCAG AA × Fail

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 69.7026, 0.3453, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

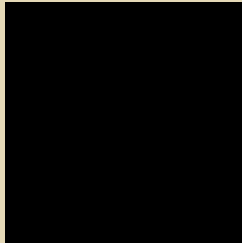
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7026, 0.3453, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 69.7026, 0.3453, 0.3665.

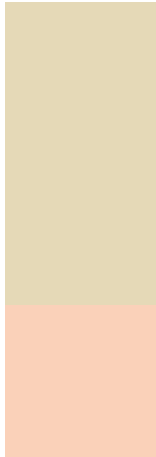


This preview shows how white text looks on a background with the Yxy color 69.7026, 0.3453, 0.3665.

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

69.7026, 0.3453, 0.3665

Protanopia

69.7026, 0.3453, 0.3665

Deuteranopia

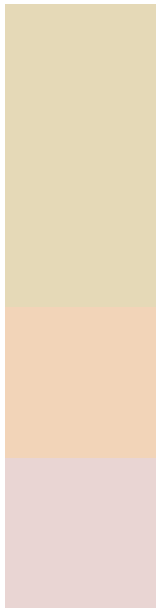
69.4277, 0.3622, 0.3543



Tritanopia

69.7968, 0.3194, 0.3122

Trichromacy



Original Color

69.7026, 0.3453, 0.3665

Protanomaly

69.7026, 0.3453, 0.3665

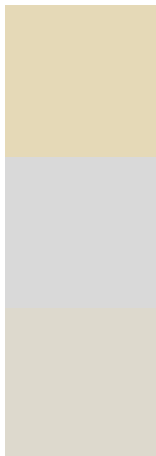
Deuteranomaly

69.4249, 0.3559, 0.3590

Tritanomaly

69.6153, 0.3290, 0.3312

Monochromacy



Original Color

69.7026, 0.3453, 0.3665

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.4056, 0.3238, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7026, 0.3453, 0.3665 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(229, 217, 183)` looks like.

```
.text, #text, p{  
    color:rgb(229, 217, 183)  
}
```

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(229, 217, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 217, 183) }
```

Border

The CSS property to change the border of an element to Yxy 69.7026, 0.3453, 0.3665 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(229, 217, 183) }
```

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

```
.border{ border-color:rgb(229, 217, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 217, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 217, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 217, 183);  
box-shadow:4px 4px 4px 4px rgb(229, 217,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7026, 0.3453, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 217, 183) }
```

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

```
.background{ background-color: rgb(229,  
217, 183) }
```

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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