

Converting Colors

$Yxy(69.4969, 0.3569, 0.3729)$

Have a look what the booklet for
Yxy(69.4969, 0.3569, 0.3729)
contains.

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Color

Yxy(69.5289, 0.3570, 0.3726)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | ECD7AF |
| RGB | 236, 215, 175 |
| RGB Percent | 93%, 84%, 69% |
| CMY | 0.0747, 0.1568, 0.3138 |
| CMYK | 0.00, 0.09, 0.26, 0.07 |
| HSL | 39°, 62%, 81% |
| HSV | 39°, 26%, 93% |
| XYZ | 66.6179, 69.5289, 50.4579 |
| YIQ | 216.7190, 25.3560, -7.9880 |

Conversions

Conversions Part 2

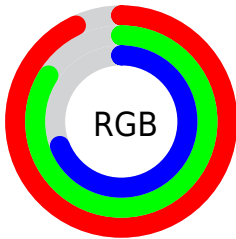
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 207, 236, 175 |
| Decimal | 15521711 |
| CIE Lab | 86.77, 1.19, 22.41 |
| CIE LCh | 87, 22.443, 86.968 |
| Yxy | 69.5289, 0.3570, 0.3726 |
| Android (android.graphics.Color) | 4293711791 (0xFFECD7AF) |
| YUV | 216.7190, -20.5675, 16.9094 |
| Hunter-Lab | 83.3840, -3.3132, 22.4908 |

Details

The Yxy color **69.5289, 0.3570, 0.3726** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.6083, 0.2705, 0.2811**, and the grayscale version is **69.3137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **36.2501, 0.3685, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **64.6599, 0.3769, 0.3900**, and if you desaturate by 10%, it is **74.7705, 0.3385, 0.3552**.

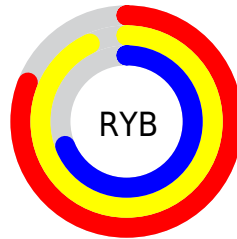
Distribution



Red (93%)

Green (84%)

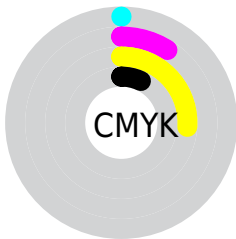
Blue (69%)



Red (81%)

Yellow (93%)

Blue (69%)

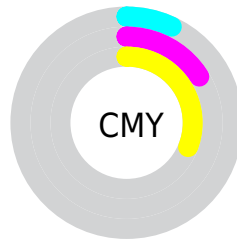


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (7%)



Cyan (7%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5289, 0.3570, 0.3726 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 69.5289, 0.3570, 0.3726 by changing the saturation by 10% instead.


 69.5289, 0.3570,
0.3726

 69.5289, 0.3570,
0.3726


458.8942, 0.3364,
0.3524

 51.1426, 0.3617,
0.3772


 118.5367, 0.3498,
0.3656

 36.3221, 0.3675,
0.3828

149.9269, 0.3471,
0.3629

 24.6830, 0.3748,
0.3899


186.4206, 0.3447,
0.3605

 15.8411, 0.3843,
0.3991

228.4021, 0.3426,
0.3585

 9.4118, 0.3970,
0.4113

276.2558, 0.3407,
0.3567

 5.0107, 0.4148,
0.4281

330.3661, 0.3391,

 2.2536, 0.4479,

0.3551

391.1174, 0.3377,
0.3537

0.4595

0.7490, 0.4973,
0.5027

0.0000, 0.0000,
0.0000

69.5289, 0.3570,
0.3726

69.5289, 0.3570,
0.3726

64.6599, 0.3769,
0.3900

74.7705, 0.3385,
0.3552

60.1426, 0.3980,
0.4068

80.3860, 0.3217,
0.3384

55.9682, 0.4196,
0.4219

86.3885, 0.3066,
0.3225

52.1233, 0.4408,
0.4343

91.8276, 0.3011,
0.3215

■ 48.5933, 0.4607,
0.4428

■ 96.5652, 0.3011,
0.3290

■ 45.3616, 0.4781,
0.4465

■ 42.4084, 0.4922,
0.4449

■ 41.2499, 0.4974,
0.4433

Harmonies

Analogous

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



69.5289, 0.3672, 0.3560



69.5289, 0.3570, 0.3726



69.5289, 0.3349, 0.3778

Triad

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



69.5289, 0.3570, 0.3726



69.5289, 0.2656, 0.3210



69.5289, 0.3160, 0.2935

Complementary

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



69.5289, 0.3570, 0.3726



54.6083, 0.2705, 0.2811

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.



69.5289, 0.2892, 0.2842



69.5289, 0.3570, 0.3726



69.5289, 0.2610, 0.2987

Square

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



69.5289, 0.3570, 0.3726



69.5289, 0.2824, 0.3472



69.5289, 0.2694, 0.2858



69.5289, 0.3430, 0.3112

Rectangle

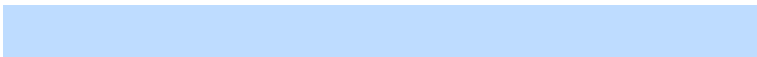
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.5289, 0.3570, 0.3726



69.5289, 0.3168, 0.3733



69.5289, 0.2694, 0.2858



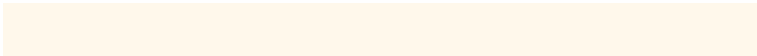
69.5289, 0.3067, 0.2893

Sweetspot

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



69.5321, 0.3570, 0.3726



94.3675, 0.3253, 0.3420



52.4795, 0.3487, 0.3055



19.9789, 0.3278, 0.3446



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.



69.5321, 0.3570, 0.3726



79.8026, 0.3674, 0.3819



79.3595, 0.3451, 0.3950



16.7056, 0.3276, 0.3444



22.9976, 0.4958, 0.4445



1.9837, 0.4825, 0.4551

Inverse Universe

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



54.6083, 0.2705, 0.2811



59.1986, 0.2611, 0.2697



46.9139, 0.2748, 0.2565



15.3944, 0.2980, 0.3131



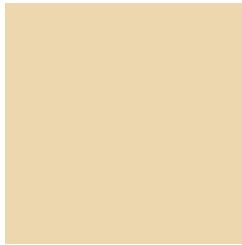
6.8008, 0.1641, 0.1108



0.7073, 0.1718, 0.1384

Previews

White Background



This preview shows how the Yxy color 69.5289, 0.3570, 0.3726 looks on a white background.

Color Contrast Check

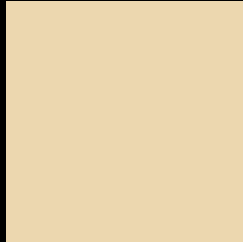
Large Text (above 18pt) WCAG AA × Fail

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 69.5289, 0.3570, 0.3726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

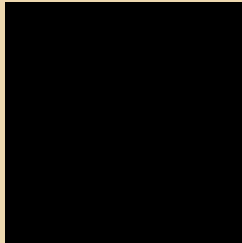
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5289, 0.3570, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 69.5289, 0.3570, 0.3726.



This preview shows how white text looks on a background with the Yxy color 69.5289, 0.3570, 0.3726.

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

69.5289, 0.3570, 0.3726

Protanopia

69.5833, 0.3511, 0.3742

Deuteranopia

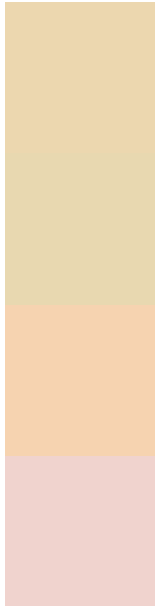
69.4310, 0.3707, 0.3636



Tritanopia

69.3708, 0.3270, 0.3124

Trichromacy



Original Color

69.5289, 0.3570, 0.3726

Protanomaly

69.4021, 0.3529, 0.3730

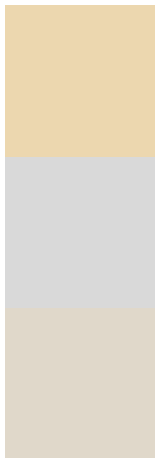
Deuteranomaly

69.3160, 0.3653, 0.3662

Tritanomaly

69.5700, 0.3382, 0.3344

Monochromacy



Original Color

69.5289, 0.3570, 0.3726

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.2233, 0.3282, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5289, 0.3570, 0.3726 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(236, 215, 175)` looks like.

```
.text, #text, p{  
    color:rgb(236, 215, 175)  
}
```

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(236, 215, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 215, 175) }
```

Border

The CSS property to change the border of an element to Yxy 69.5289, 0.3570, 0.3726 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(236, 215, 175) }
```

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

```
.border{ border-color:rgb(236, 215, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 215, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 215, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 215, 175);  
box-shadow:4px 4px 4px 4px rgb(236, 215,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5289, 0.3570, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 215, 175) }
```

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

```
.background{ background-color: rgb(236,  
215, 175) }
```

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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