

Converting Colors

Yxy(69.7548, 0.3464, 0.3723)

Have a look what the booklet for
Yxy(69.7548, 0.3464, 0.3723)
contains.

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Color

Yxy(69.7284, 0.3464, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	E3DAB3
RGB	227, 218, 179
RGB Percent	89%, 85%, 70%
CMY	0.1099, 0.1450, 0.2980
CMYK	0.00, 0.04, 0.21, 0.11
HSL	49°, 46%, 80%
HSV	49°, 21%, 89%
XYZ	64.8776, 69.7284, 52.6849
YIQ	216.2450, 17.8830, -10.2210

Conversions

Conversions Part 2

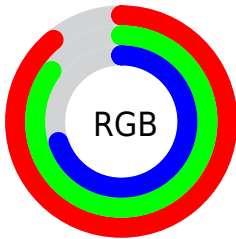
Format	Color
R _Y B	190, 227, 179
Decimal	14932659
CIE Lab	86.86, -3.14, 20.34
CIE LCh	87, 20.577, 98.771
Yxy	69.7284, 0.3464, 0.3723
Android (android.graphics.Color)	4293122739 (0xFFE3DAB3)
YUV	216.2450, -18.3618, 9.4321
Hunter-Lab	83.5035, -7.4467, 21.0446

Details

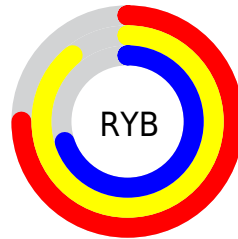
The Yxy color **69.7284, 0.3464, 0.3723** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0694, 0.2781, 0.2816**, and the grayscale version is **68.9621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **36.3587, 0.3543, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **66.7198, 0.3637, 0.3934**, and if you desaturate by 10%, it is **72.9505, 0.3299, 0.3514**.

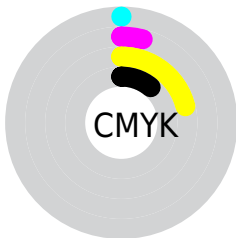
Distribution



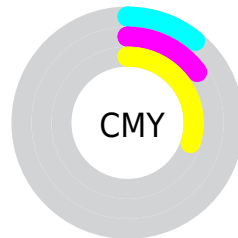
- Red (89%)
- Green (85%)
- Blue (70%)



- Red (75%)
- Yellow (89%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (21%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7284, 0.3464, 0.3723 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 69.7284, 0.3464, 0.3723 by changing the saturation by 10% instead.


 69.7284, 0.3464,
0.3723

 69.7284, 0.3464,
0.3723


459.5958, 0.3308,
0.3520

 51.3051, 0.3499,
0.3770


 118.8214, 0.3410,
0.3652

 36.4515, 0.3543,
0.3828


150.2598, 0.3389,
0.3625

 24.7831, 0.3598,
0.3901


186.8055, 0.3371,
0.3601

 15.9155, 0.3669,
0.3997

228.8428, 0.3355,
0.3581

 9.4644, 0.3764,
0.4128

276.7561, 0.3341,
0.3563

 5.0453, 0.3896,
0.4315

330.9297, 0.3329,

 2.2739, 0.4119,

0.3547

0.4635

391.7482, 0.3318,
0.3533

0.7598, 0.4594,
0.5406

0.0000, 0.0000,
0.0000

69.7284, 0.3464,
0.3723

69.7284, 0.3464,
0.3723

66.7198, 0.3637,
0.3934

72.9505, 0.3299,
0.3514

63.9075, 0.3813,
0.4138

76.3839, 0.3144,
0.3312

61.2862, 0.3986,
0.4328

80.0387, 0.3001,
0.3121

58.8467, 0.4150,
0.4493

82.9324, 0.2955,
0.3086

■ 56.5787, 0.4296,
0.4623

■ 85.3844, 0.2955,
0.3129

■ 54.4706, 0.4417,
0.4710

■ 87.8945, 0.2956,
0.3173

■ 52.5084, 0.4510,
0.4750

■ 90.4631, 0.2957,
0.3216

■ 50.8705, 0.4572,
0.4752

■ 93.0905, 0.2957,
0.3258

■ 95.0649, 0.2958,
0.3290

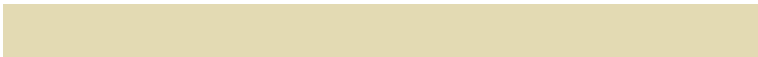
Harmonies

Analogous

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



69.7284, 0.3605, 0.3608



69.7284, 0.3464, 0.3723



69.7284, 0.3235, 0.3719

Triad

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



69.7284, 0.3464, 0.3723



69.7284, 0.2664, 0.3130



69.7284, 0.3259, 0.3020

Complementary

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



69.7284, 0.3464, 0.3723



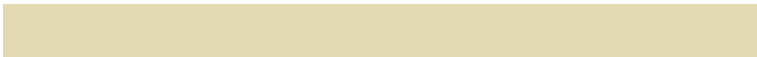
51.0694, 0.2781, 0.2816

Split Complementary

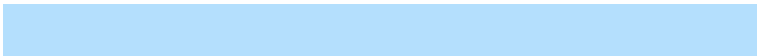
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.7284, 0.3004, 0.2901



69.7284, 0.3464, 0.3723



69.7284, 0.2669, 0.2954

Square

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



69.7284, 0.3464, 0.3723



69.7284, 0.2777, 0.3363



69.7284, 0.2791, 0.2875



69.7284, 0.3486, 0.3206

Rectangle

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



69.7284, 0.3464, 0.3723



69.7284, 0.3066, 0.3642



69.7284, 0.2791, 0.2875



69.7284, 0.3174, 0.2971

Sweetspot

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



69.7315, 0.3464, 0.3723



97.2464, 0.3219, 0.3410



52.2204, 0.3468, 0.3181



20.7519, 0.3229, 0.3423



0.0000, 0.0000, 0.0000



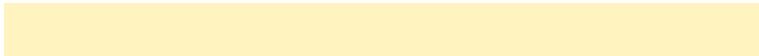
21.4041, 0.3127, 0.3290

Same Dimension

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



69.7315, 0.3464, 0.3723



89.2001, 0.3533, 0.3808



72.2551, 0.3339, 0.3834



16.3361, 0.3272, 0.3480



29.8394, 0.4565, 0.4757



2.3237, 0.4501, 0.4808

Inverse Universe

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



51.0694, 0.2781, 0.2816



61.1064, 0.2707, 0.2712



49.1715, 0.2883, 0.2722



14.3198, 0.2980, 0.3093



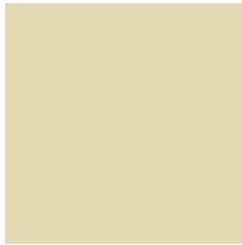
4.3383, 0.1550, 0.0778



0.4455, 0.1619, 0.1029

Previews

White Background



This preview shows how the Yxy color 69.7284, 0.3464, 0.3723 looks on a white background.

Color Contrast Check

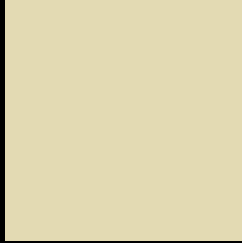
Large Text (above 18pt) WCAG AA × Fail

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 69.7284, 0.3464, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

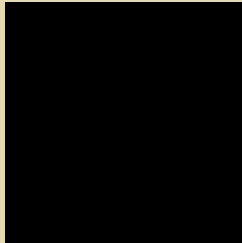
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

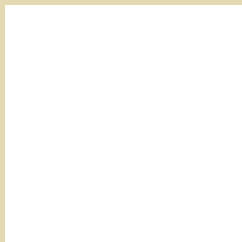
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7284, 0.3464, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 69.7284, 0.3464, 0.3723.



This preview shows how white text looks on a background with the Yxy color 69.7284, 0.3464, 0.3723.

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

69.7284, 0.3464, 0.3723

Protanopia

69.7034, 0.3490, 0.3709

Deuteranopia

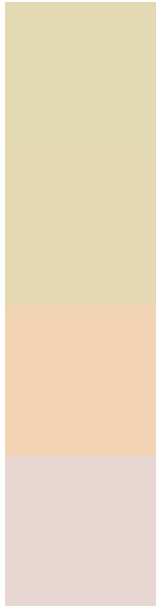
69.4464, 0.3661, 0.3584



Tritanopia

69.5136, 0.3172, 0.3110

Trichromacy



Original Color

69.7284, 0.3464, 0.3723

Protanomaly

69.5384, 0.3482, 0.3710

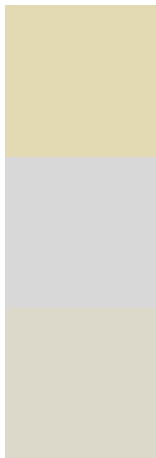
Deuteranomaly

69.2595, 0.3589, 0.3634

Tritanomaly

69.7352, 0.3281, 0.3334

Monochromacy



Original Color

69.7284, 0.3464, 0.3723

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.1531, 0.3244, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7284, 0.3464, 0.3723 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(227, 218, 179)` looks like.

```
.text, #text, p{  
    color:rgb(227, 218, 179)  
}
```

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(227, 218, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 218, 179) }
```

Border

The CSS property to change the border of an element to Yxy 69.7284, 0.3464, 0.3723 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(227, 218, 179) }
```

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

```
.border{ border-color:rgb(227, 218, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 218, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 218, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 218, 179);  
box-shadow:4px 4px 4px 4px rgb(227, 218,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7284, 0.3464, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 218, 179) }
```

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

```
.background{ background-color: rgb(227,  
218, 179) }
```

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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